

Name: Miss Shailja Sehgal
D/o: Late Shri Ajat Shatru Sehgal
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Educational Qualifications:

- M.Sc. (Mathematics) from Alagappa University, Karaikudi (T.N.) with 59.5% marks in 2009.
- B.Sc. (Mathematics) from Alagappa University, Karaikudi (T.N.) with 58.93% marks in 2007.
- One year computer course from NIIT in 2000.
- +2 in science (Non- Medical) stream from D.A.V. Model School, Sector 15-D, Chandigarh, CBSE with 65.6% marks in 1994.
- 10th (Matric) from Guru Nanak Public School, Sector 36- D, Chandigarh, CBSE with 60.8% marks in 1992.

Languages Known:

English, Hindi, Punjabi. French, Spanish.

Major Achievements:-

- ★ I scored 100/100 in Cobol Programming Mock Test Quiz – ProProfs Quiz on 11th September, 2021.
- ★ I scored 100/100 in Web Design Principles – ProProfs Quiz & Web Designing Trivia ProProfs Quiz on 4th September, 2021.
- ★ I scored 100/100 in Java MCQ: Ultimate Trivia Quiz – ProProfs Quiz on 31st August, 2021.
- ★ I scored 100/100 in Adobe Experience Manager (AEM) ProProfs Quiz on 31st August, 2021.
- ★ I scored 100/100 each in 3 Node.js ProProfs Quizzes on 31st August, 2021.
- ★ I scored 100/100 in Website Jargon Test – ProProfs Quiz on 20th August, 2021.
- ★ I scored 100/100 in Drupal ProProfs Quiz on 20th August, 2021.
- ★ I scored 100/100 in Web Design Quiz – ProProfs Quiz on 20th August, 2021.
- ★ I scored 93/100 in C++ Online Trivia Quiz – ProProfs Quiz on 6th August, 2021.
- ★ I scored 100/100 in 3 Java ProProfs Quiz on 6th August, 2021.
- ★ I scored 100/100 in Business Analyst Aptitude Test on July 24, 2021.
- ★ I scored 100/100 in 4 Linear Algebra ProProfs quizzes on 17th June, 2021.
- ★ I received 100/100 in 5 Asp.Net ProProfs Quizzes and 2 HTML5 ProProfs quizzes on 5th June, 2021.
- ★ I scored 100/100 in 3 Operations Research ProProfs quizzes on 3rd June, 2021.

- ★ I scored 100/100 in Binomial Theorem ProProfs quiz on 3rd June, 2021.
- ★ I scored 100/100 in 2 Discrete Mathematics ProProfs quiz on 3rd June, 2021.
- ★ I scored 100/100 in 3 Permutations and Combinations ProProfs quizzes on 3rd June, 2021.
- ★ I scored 100/100 in Business ProProfs quiz on 29th May, 2021.
- ★ I scored 100/100 in E-Business and E-Commerce ProProfs Quiz Part 2 on 29th May, 2021.
- ★ I scored 100/100 in E-Commerce ProProfs quiz: Basic Test on 29th May, 2021.
- ★ I scored 100/100 in E-Commerce Law and Business Application (Phillippines) ProProfs quiz on 29th May, 2021.
- ★ I scored 100/100 in E-Commerce ProProfs quiz ch1 on 29th May, 2021.
- ★ I scored 100/100 in Inverse Trigonometric Functions ProProfs quiz on 8th February, 2021.
- ★ I scored 100/100 in Parabola ProProfs quiz on 4th January, 2021.
- ★ I scored 100/100 in Joomla Test (Basic) ProProfs quiz on January 4, 2021.
- ★ I scored **100/100 in Big Data – Pig Assessment Test ProProfs quiz** on 15th November, 2020.
- ★ I scored **100/100 in Intelligent Scala ProProfs quiz** on 4th October, 2020.
- ★ I scored **100/100 in Market Segmentation ProProfs quiz** on 26th May, 2020.
- ★ I scored **100/100 in Python Object and Class ProProfs quiz** on 24th April, 2020.
- ★ I scored **100/100 in MongoDB ProProfs quiz** on 3rd April, 2020.
- ★ I scored 15/15 in General Knowledge Current Affairs on 3rd April, 2020.
- ★ I scored 41/41 in Profit and Loss – Chapter wise Test ProProfs quiz on March 28, 2020.
- ★ I scored 100/100 in Cyber Surety Journeyman Volume 1. Information Protection – Internal ProProfs quiz on March 12, 2020.
- ★ I scored 100/100 in 50 questions test for cyber security part 2 ProProfs quiz on March 10, 2020.
- ★ I scored 15/15 in General Knowledge Current Affairs on 25th February, 2020.
- ★ I scored 100/100 in Intelligent Apache Kafka Test Quiz on February 21, 2020.
- ★ I scored 100/100 in Kubernetes ProProfs quiz on February 14, 2020.
- ★ I scored 100/100 in Ruby Programming ProProfs quiz on 14th February, 2020.
- ★ I scored **100/100 in Data Science ProProfs quiz** on 8th February, 2020.
- ★ I scored 15/15 in General Knowledge Current Affairs on 30th January, 2020.
- ★ I received 100/100 in ProProfs Quiz on Agile, UP/RUP, JAD, and TDD – Gertig on 23rd January, 2020.
- ★ I received 100/100 in Agile and Scrum Basics on 23rd January, 2020.
- ★ I received 100/100 in Agile Principles ProProfs quiz on 23rd January, 2020.
- ★ I received 100/100 in QA Agile ProProfs quiz on 23rd January, 2020.
- ★ I received 15/15 in Trigonometry ProProfs quiz on 22nd January, 2020.
- ★ I scored 100/100 in Equation of Graphed Trigonometric Function ProProfs quiz on 21st January, 2020.
- ★ I scored 100/100 in Trigonometry ProProfs quiz on 21st January, 2020
- ★ I scored 100/100 in Applications of Integration Assessment Test ProProfs quiz on 21st January, 2020.
- ★ I received 100/100 in An Essential Docker ProProfs quiz on 16th January, 2020.
- ★ I received 100/100 in A Basic C# Skills ProProfs Test – Quiz on 13th January, 2020.
- ★ I scored 15/15 in General Knowledge Current Affairs Quiz on 12th January, 2020.
- ★ I received 100/100 in Oracle ProProfs quiz.
- ★ I received a score of 100/100 in Oracle SQL and PL/SQL quiz-ProProfs quiz.

- ★ I scored 15/15 in General Knowledge Current Affairs Quiz on 5th January, 2020.
- ★ I scored 15/15 in General Knowledge Current Affairs Quiz on 20th December, 2019.
- ★ I received **100/100** in **Tableau Online ProProfs quiz** on 13th December, 2019.
- ★ I received 100/100 in MS PowerPoint ProProfs quiz on 3rd December, 2019.
- ★ I received 100/100 in Scrum (Programming) ProProfs quiz on 3rd December, 2019.
- ★ I received 100/100 in DevOps – Roadmap to Success ProProfs quiz on 1st December, 2019.
- ★ I received 15/15 in General Knowledge Current Affairs quiz on 22nd November, 2019.
- ★ I received **100/100** in **Hadoop Practitioner Training ProProfs quiz** on 20th November, 2019.
- ★ I received a score of 100/100 on Test your Cloud Computing Knowledge ProProfs quiz on 14th November, 2019.
- ★ I scored 15/15 in General Knowledge Current Affairs on 13th November, 2019.
- ★ I scored 100/100 in Cyber Surety Journeyman Volume 3 Communications Security ProProfs quiz on 12th November, 2019.
- ★ I scored 100/100 in Intelligent Apache Spark Test in ProProfs quiz on 9th November, 2019.
- ★ I scored **100/100** in **Software Development Life Cycle ProProfs quiz** on 8th November, 2019.
- ★ I scored **30/30** in **SDLC Online test** on 8th November, 2019.
- ★ I scored 100/100 in AWS Training quiz 1 ProProfs quiz on 6th November, 2019.
- ★ I scored 100/100 in Microsoft Azure ProProfs quiz on 6th November, 2019.
- ★ I received 15/15 in General Knowledge Current Affairs on 6th November, 2019.
- ★ I scored **20/20** in **MySQL online test** on 2nd November, 2019.
- ★ I received **100/100** in **Machine Learning Test in ProProfs quiz** on 2nd November, 2019.
- ★ I scored **8/8** in quiz of **find out how smart you are about machine learning and AI** on 2nd November, 2019.
- ★ I received 15/15 in General Knowledge Current Affairs on 2nd November, 2019.
- ★ I scored **100/100** in **GIBILISCO – Robotics and Artificial Intelligence in ProProfs quiz** on 1st November, 2019.
- ★ I scored **10/10** in **Artificial Intelligence Trivia Quiz** on 1st November, 2019.
- ★ I received 100/100 in Adobe Experience Manager in ProProfs quiz on 26th October, 2019.
- ★ I got a score of 142/150 on Mock BEL Placement test – proprofs quiz on 25th September, 2019
- ★ I received **100/100 each in 6 MS Excel** online quiz tests in 1st July 2019.
- ★ I received **92/100 in MS Word** in an online test in 5th June 2019.
- ★ I got a score of 100/100 on Virtual Reality – ProProfs quiz on 20th April, 2019.
- ★ I scored **100/100 in analytical skills on 27th May, 2019**, 10/10 in complex numbers, 15/15 in arithmetic progression in an online test on 11th May 2019.
- ★ I received 25/25 & 15/15 in English Grammar & same marks in General Knowledge in an online test in 2017.
- ★ I received 68%, 80% & 100% respectively in three English One Word substitution tests in an online test recently.
- ★ I cleared the National Group of Services exam online for maths and science teacher in March 2019.
- ★ I cleared 5 tests of 5 questions each of M.Sc. level in chegg organisation in 2017.
- ★ I gave around 700 tests since 2016 on Linux, Unix, C, C++, OOPS, HTML5, Java and Javascript, **Android Developer**, API Developer, Hackathons, Brain Teaser, Adobe AEM, **Female Data Scientist**, Tech Aptitude, Advanced Tech Aptitude, Genpact, Cognizant, Cisco, Mindtree, Alibaba cloud,

Python, Infosys etc. in techgig.com and Facebook, Capgemini, Amazon & Microsoft in 2016-19 and received a good score in many of them although I have never read most of them.

- ★ I cleared the written test for the post of clerk cum computer operator in MCM DAV College in 2016.
- ★ I gave some I.Q. tests in zeenews website in lifestyle column in 2015. According to the assessment I was designated a “**genius**” and have a **logical** as well as a **philosophical** mind.
- ★ I cleared the entrance test for the post of clerk in Municipal Corporation in 2002.
- ★ I cleared the entrance tests for the post of clerk cum computer operator in PGIMER in 2001.
- ★ I came first in merit list for entrance exam for N.T.T. course in Raja Ram Mohan Institute at sector 29-D in Chandigarh in 2001.

Work Experience:-

- 1) I am proficient in M.S.Office, Internet, E-mail, Unix, Sybase and C++.
- 2) I am well versed in Numerical Methods, Statistics, Operations Research and Algebra.
- 3) I have taught **numerical methods** to an **M.C.A. student privately** and **mathematics to an engineering student privately** in 2009.
- 4) I have done a lot of self- practise at home.
- 5) I have 5 years experience of teaching mathematics to classes 10th-12th from 2012 to 2017.
- 6) I have 20 years experience on doing research work on quantitative aptitude. Since March 2019 I have been doing research work on logarithms.
- 7) I have worked as a receptionist cum computer operator in oriental college in sector 36-D in 2001.
- 8) I have a PC at home and I have practised various softwares in it for 10 years.
- 9) I have 20 years experience on Microsoft Office.

Technical Skills:-

I know **Drupal, Erlang, C++, Python & Javascript** coding skills, **AngularJS, NodeJS, Android Developer, Fintech, Cybersecurity** also.

Languages Known:-

I know **programming in C++, javascript & python.**

Industry Workshop:-

- Business Communication Skills from Internshala in September, 2020.
- Android App Development Course from Internshala in August, 2020.
- Data Science Architect Master Course in R, Python, Tableau, SAS, MongoDB, SQL & Hadoop, Machine Learning, Tensorflow from Intellipaat in 2020.
- Digital Marketing Course from Internshala in June, 2020.

Projects I Worked On:-

- ◆ Capstone Project using Python.
- ◆ Webscrape Project using Python.
- ◆ Netflix Recommendation Engine using Python.
- ◆ Pyspark Project using Python.
- ◆ Movie Recommendation Engine using Python.
- ◆ Face-Recognition using Artificial Intelligence.
- ◆ Census-Income using R.
- ◆ Market-Basket Analysis using R.

I want to work as a software engineer or data/business analyst.

How I am into Data Science?

In my school days during summer vacations as usual when I was reading my morning newspaper I found an article on Data Science & while reading it I found that how interesting this job is that you whole day do Mathematics & Science & charts & bar graphs, algorithms & Data Structures (one of my favourite subjects). At that time I decided to be a Data Scientist not knowing what will happen in future.

I can teach mathematics to classes 10th to 12th. I can also teach general knowledge, quantitative aptitude, reasoning and english. At present since 2019 I have stopped teaching and paying attention to my role as a **data scientist**.

My strengths:

I have a passion for teaching since my childhood. I have a passion for machines like computers, telephone etc. Since my childhood. I am an honest and hard-working person.

My hobbies:

I have a lot of interest in space research, astronomy and astrology as well as numerology. I also like to do internet surfing, reading mathematical and science magazines. I also **thoroughly read the newspapers daily**. I do everything to **increase my knowledge**.

I do not teach the students maths only. I also teach them to be morally good, to be honest, hard-working, dedicated and disciplined in life.

I do net surfing and gain knowledge through google. I keep brushing up my knowledge about computers through various means.

My views on education:

We want the education by which character is formed, strength of mind is increased, the intellect is expanded and by which one can stand on one's own feet. Education is not only for getting information; rather it should develop character, mental powers, intelligence and inculcate self- confidence together with self-reliance. Education through which we can build our life, be a human being, develop moral and spiritual character, enhance our thinking is real education.

I have made printed (through printer) notes, assignments and tests for 9th, 10th, +1 and +2 for mathematics. I keep studying mathematics today magazines to enhance my mathematical skills.

I scored 88% in Big Data Intermediate Skill Test, 76% in Angularjs Intermediate Skill Test, 72% in Python Beginner Skill test, 76% in SQL Beginner Skill Test, 84% in SQL Intermediate Skill Test, 88% in SQL Advanced Skill Test, 84% in PHP Beginner Skill Test, 84% in C# Beginner Skill Test, 88% in C# Intermediate Skill Test, 88% in C# Advanced Skill Test, 84% in Javascript easy Skill Test, 84% in Javascript Medium Skill Test, 84% in C++ Beginner Skill Test, 88% in C++ Intermediate Skill Test, 88% in C++ Advanced Skill Test, 76% in HTML Beginner Skill Test and 84% in HTML Intermediate Skill Test. 72% in HTML Advanced Skill Test, 92/100 in CSS easy, 80/100 in CSS Medium Test, 76% in JQuery Intermediate Skill Test, 84% in Node.js Beginner Skill Test, 72% in Node.js Advanced Skill Test in Techgig.com.

I scored **84/100 in Data Science MCQ Context, 84/100 in Automated Label Classification Hackathon MCQs, 100/100 in Hexaware Cloudify Everything Hackathon MCQs, 96/100 in HCL Interview questions, 96/100 in Intel Interview Questions, 92/100 in Infosys Advanced Level Interview Questions, 85/100 each in Brain Teaser Mathematics, Brain Teaser Reasoning, Adobe AEM, 88/100 each in Reasoning Interview Questions and Puzzle Interview Questions, 88/100 in Code Wizards Score Booster MCQ, 84/100 in Facebook Interview Questions, 92/100 in Infosys Advanced Level Interview Questions, 88/100 in Public Sapient Social Financial Lending Hiring Hackathon, 88/100 in Code Gladiators JIO New Commerce Hackathon 2019, 84/100 in NIIT Interview Questions, 84/100 in Techgig Geek Goddess RPA Hackathon, 84/100 in TCS Interview Challenge, 80/100 in Infosys Interview Questions, 80/100 in Flipkart Interview Questions, 80/100 in Tech Aptitude Challenge, 76/100 in Data Structure Developer, 75/100 in Google Placement Test, 70/100 each in TCS Placement Test and Predix Mobility Challenge, 75/100 in TCS Interview questions, 76/100 each in Cognizant Interview Questions and Drupal Engineer, 72/100 in Genpact SFDC Challenge, 76/100 in TG-3 Tech Aptitude Challenge, 72/100 in 3i-Infotech Interview Questions, 13/20 in Alibaba Cloud, 72/100 in Vodafone Interview Questions, 70/100 each in Female Data Scientist & Advanced Tech Aptitude, 68/100 each in drupal developer and Cisco Interview Questions, 56/100 in erlang engineer, 60/100 in golang challenge, 60/100 in DevOps challenge 3, 76/100 in microsoft azure challenge, 72/100 in AWS challenge 2, 52/100 in Tech Architect and Data Scientist Challenge, 76/120 in Data Interpretation interview questions, 56/100 in C++ advance level and certification, 68/100 python advanced interview questions, 30/50 in python test, 60/100 in Node JS Software Engineer, 56/100 in Node JS Challenge, 64/100 in Angular JS Challenge, 50/100 in Vue JS test, 55/100 in Ember JS test, 35/50 in Mysql test, 25/50 in Javascript test, 56/100 in Artificial Intelligence, 32/56 in TomTom Maps APIs quiz, 28/56 in TomTom Artificial Challenge quiz respectively etc. and passed many more tests on techgig.com online & also 76/100 in Capgemini Interview Questions, 72/100 in Capgemini Advanced Aptitude Test, 72/100 in Amazon Interview Questions respectively**

I listen to Techgig and BrightTalk webinars.