

Juhi Dwivedi

LinkedIn: [juhi-dwivedi](#) • Email: dwivedijuhi01@gmail.com • Phone: [7985870649](tel:7985870649) • GitHub: [Inconsequential-24](#) • LeetCode: [Juhi_24](#)

Education

Amity University Uttar Pradesh

2021-25

Bachelor of Technology in Computer Science and Engineering (Hons: Artificial Intelligence)

CGPA: **9.34/10**

Escorts World School, Kanpur

Class 12th, Central Board of Secondary Education: Score: **94%**

2019

Class 10th, Central Board of Secondary Education: Score: **10 C.G.P.A.**

2017

Experience

Instruments Research & Development Establishment, DRDO

Dehradun, Uttarakhand

Research Intern

June 2024- Present

- I have been accepted as research intern in the domain of **Deep Learning** at the prestigious organization- DRDO, Dehradun. I am supposed to assist the Scientists with **Data Classification and Analysis**. I am currently working on **hyperspectral analysis**.

WordsWorth AI

Bengaluru, Karnataka

SDE Intern

March 2024- June 2024

- Worked on testing AI tools and analyzing their real-time performance by **40%**. Experimented with different techniques to incorporate AI tools to create best user experience.

Avaomme InfoTech Pvt. Ltd.

Kanpur, Uttar Pradesh

SDE Intern

January- August 2023

- Actively engaged in the development of live projects, I played a pivotal role in the creation of a Content Management System for IIT Bombay's Climate IDP site.

Projects

Sushrut Samitah - Telemedicine Kiosk {[Link to Project](#)}, {[Prototype](#)} | Deep Learning, CNN

June – August 2023

- Sushrut Samitah employs an advanced CNN model with **ReLU activation** and **MaxPooling** to analyse heart sounds, enhancing accuracy in cardiovascular diagnostics. The Model achieves the accuracy rate of **94 %**.

GupShup: AI Model For Obscene Scene Detection {[Link to Project](#)} | Deep Learning, CNN

January- March 2024

- The project demonstrates the use of a **deep learning model** for **classifying safe and unsafe (obscene)** content. Achieved an **90% accuracy rate** in detecting obscene scenes from a dataset of 10,000 images.

Blockchain in Education Sector {[Link to Project](#)} | HTML, CSS, JS, Solidity

June–August 2023

- Addresses data security, administrative efficiency, **transparent credential verification**, **lifelong learning**, **resource sharing**, and **transparent donations**. The objective is to create a robust, inclusive educational ecosystem.

Achievements

- University Merit Based Scholarship Award**
- Grand Finalist- Smart India Hackathon 2022**
- IIIT Allahabad WIE ILS: 2nd Prize** at Poster cum Prototype Presentation for SushrutSamitah Project
- Elite Certification** in NPTEL Course: Google Cloud Computing Fundamentals
- VIT Vellore: AIR 3** in [CODE RUSH \(Coding Round\)](#)
- Global Rank 187** in GFG [Job-A-Thon 34](#).
- Amongst **Top 10%** Coders at LeetCode-[Juhi_24](#)
- First Prize-** IEEE Ideathon Competition
- Certificate for Extraordinary Work at [IIT Bombay Project](#) (Internship at [Avaomme InfoTech](#))
- Appreciation for Extraordinary work at [Amiphoria'24](#) Website which garnered more than **15K viewers**.

Skills & Interests

Tools/Software: IBM Rationale Architect, PowerBI, Tableau, Figma, Matlab, Collab, AWS, Azure, Tensorflow, Keras, Shopify

Language: *Python, SQL, C, C++, JAVA, HTML, CSS, Javascript, PHP, React, Liquid*

Publications & Paper Presentation

[Reshaping the Pathology: An AI Perspective-](#) eBook ISBN9781003333081 (Publication by Taylor & Francis Group)

Blockchain Application in Healthcare Supply Chain Management: Scopus Indexed

Securing the Resource sharing in Meta Universities Using Blockchain Technology: Scopus Indexed (Presented at ICMSLE 2024)

Heart Disease Prediction Using Supervised Machine Learning Algorithms: Scopus Indexed (Presented At Convergence 2024)

Licenses & Certifications

- [CCNAv7 \(CISCO\)](#)
- [Gold League- GCP](#)
- [Programming in Modern C++](#)
- [Data Science Using Python](#)
- [Google Cloud Fundamentals](#)
- [Training in Power Bi & Azure](#)

Extra-Curricular

- IEEE R10 Webmaster, 2023**
- Chair, WIE IEEE AUUP, Lucknow**
- Team Leader SIH 2023**
- Technical Head at Amiphoria '24**
- Chair, IEEE AUUP, Lucknow**
- IEEE UP SAC Team**