



VIKAS PAL

MERN Stack | Software Developer



EDUCATION

MITRC COLLAGE

B.TECH IN COMPUTER SCIENCE

GPA-6.8

2017-2021 | Alwar,India

CHILDRENS ACADEMY SCHOOL

CLASS XII | 58%

2017 | Alwar(Raj.)

K.V SCHOOL (ITARANA)

CLASS X

2015 | Alwar(Raj.)

CGPA-72%

LINKS

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7410903344

E-260 Ambedkar Nagar,
Alwar, Rajasthan (301001)



TECH SKILLS

PROGRAMMING

- Javascript
- Java & OOPs concepts
- Data Structure



DATABASE

- Mongo DB
- MySql



FAMILIER

- System Design
- MERN Stack
- Machine Learning
- Microservices



DEVOPS TOOLS

- AWS , LINUX
- GIT & Github
- Docker , Kubernetes
- Jenkins
- Cheff, Ansible



INTERESTS

- Coding
- Coding competitions



EXPERIENCE

IMG GLOBAL INFOTECH PVT. LTD. | TRAINEE

May 2018 - July 2018 | Alwar

- Working on The Real Time Project which is Build by the help HTML CSS , mySQL PHP Frameworks Like Codeignitor and Larawell.
- Responsible for contributing in internal products of Company.



PROJECTS

1. MERN STACK BASED WEBSITE

JUN. 2019 - DEC. 2019

- Worked On RESTfull API as Well as Database .
- During Making Website Also Work On (SEO) Search Engine Optimization .

TECHNOLOGY -

- Mongo DB , Express.js , Node js , React js and Hooks

2. CARDIOVASCULAR DESEASE PREDICTION ML

JAN. 2021 - MARCH 2021

- Worked On Different Different Machine Learning Algorithms like Random Forest Classifier , K-Nearest Naibour .
- Improve Accuracy By the help of Hyperparametre Tunning .

TECHNOLOGY -

- Numpy , Matplotlib , Sciket learn , Tensorflow , Pandas

3. INDEX IMPLEMENTATION USING B+ TREES IN RDBMS

APRIL 2021 - MAY 2021

- The project improves the performance of database manipulation and searching.
- This is achieved by implementing b+trees based indexing.
- This reduces the database operational time by a factor of $\log(m)$, where m is the degree of b+tree.



ACHIEVEMENTS

- Done 100+ Questions on Leetcode
- Participate in Hackathons

PARTICIPATION AND ACHIEVEMENTS

- Participate in HACKATHONES
- Collaborate in OPEN SOURCE
- Participate in CodeCheff contest
- Successfully participated in Google Code Jam 2020 and Google Fooobar.



DREAM PROJECTS

- CHESS Game
- Home Automation System With IOT
- Data Structure And Algorithms Based Projects