

Atharv Bapat

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EDUCATION

Vishwakarma institute of technology, Pune ,India (2022-2026)

B.Tech – Computer Engineering **CGPA : 8.98**

TECHNICAL SKILLS

Programming Languages: C , C++, Java, python , JavaScript

Developmet : HTML/CSS , Reactjs, Nodejs ,Expressjs,Tailwind, Swing.

Domain Knowledge: Object Oriented Programming , Full Stack Development , Data structures and Algorithms,

Database Managements System , Operating Systems , Linux , Computer Networks , Data Science ,Distributed Systems.

Tools : Git, GitHub, Postman.

Database : MySQL , PostgreSQL ,MongoDB, Docker(basic).

PROJECTS

JobSphere – Job Search Website / Nodejs, Reactjs ,Redux, Nodemailer, Cloudinary [link](#)

- Architected a Job finding website with robust, secure authentication system with distinct employee and employer dashboards, empowering employees to post jobs and employers to efficiently search and apply for jobs using advanced city and domain-specific filters.
- Devised an automated email notification system via Nodemailer, ensuring alerts for job opportunities daily this innovation streamlined communication and expedited user engagement across the job search platform.

Employee promotion prediction system / R ,excel

- Designed and developed a promotion predictor system using R, leveraging six machine learning algorithms developed using Support Vector Machine (SVM), Artificial Neural Networks (ANN), Logistic Regression (LR), XGBoost, Random Forest, and Decision Trees

CashFlowMinimizer / C++ [github](#)

- Implemented a cashflow optimization system that minimizes inter-bank transactions by calculating net amounts and reducing the number of transfers required also making transfer possible even if two banks do not have common payment modes.

Sociogram - Social media website / NodeJs, ExpressJs, MongoDB, Ejs ,Cloudinary [github](#)

- Designed a Social media platform with secure user authentication system where users can dynamically post content. Managed user profile and posts with seamless content management functionality and commenting system.

ACTIVITIES

- **Social Welfare & Development Committee :**

Sponsorship Coordinator :- Worked along with sponsorship team in Blood donation and Aatmabodh Event.

- **National Cadet Corps** :- 'A' Certificate.

ACHIEVEMENT & PUBLICATIONS

- Published a research paper titled "An Approach to Design a Smart Mining Helmet" 2024 International Conference on Intelligent Systems for Cybersecurity (ISCS), Gurugram, India, 2024 [link](#)
- Solved more than 300 data structures and algorithms questions on Leetcode [link](#)
- Codechef 2* max(1580)