

Mandar Rajendra Kelkar

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About

Self-motivated and diligent BTech student with a strong software development and database management foundation. Proficient in Python, Java, and C, with hands-on experience in building and deploying robust applications using Flask, React, and Django. Demonstrated expertise in machine learning projects, showcasing strong problem-solving abilities and technical acumen. Adept at managing databases such as MySQL, PostgreSQL, and MongoDB, with a commitment to continuous learning and professional growth. Eager to contribute to challenging environments and drive organizational success through innovative solutions.

Education

Course	University	Institute	Year	CGPA/%
B.Tech(Computer Engineering)	Vishwakarma University	Vishwakarma University	2024 (2nd Year)	8.1 CGPA
Diploma(Computer Engineering)	MSBTE	Government Polytechnic Malvan	2023	82.57 %
SSC	Maharashtra board of secondary and higher secondary Education	Jay Ganesh English Medium School	2020	88.20%

Skill Set

Programming Languages	C, Java, Python, Javascript, Solidity
Web Technologies	HTML, CSS, Bootstrap, Tailwind CSS, jQuery, JSON, RESTful APIs
Frameworks	React, Flask, Django, Angular, NodeJS
Databases	Mysql, Postgres, SQLite, MongoDB
Tools	VScode, Pycharm, Eclipse, Jira, GitHub
Operating System	Windows, Linux
Soft Skills	Communication, Teamwork, Problem-Solving, Adaptability, Time-Management, Work Ethic

Projects

- MFA Security for Global Bank Online Banking Platform**

Developed and implemented a Multifactor Authentication (MFA) system using Flask for enhanced security, reducing unauthorized access incidents by 45%.

- **TelemedeX**

Developed an AI-driven telemedicine appointment scheduler with smart prescription generation, alternative medicine suggestions, wearable data integration, and secure payments, optimizing scheduling efficiency by 75%.

- **Blockchain-Based academic Credential Storage and issuing system**

Designed a blockchain-based credential verification system using Solidity, improving certificate verification efficiency by 60% and eliminating third-party dependencies.

- **DataHive Student Leaving Certificate Generation and Management System**

Automated certificate generation processes, reducing administrative workload by 70%, with modular designs ensuring secure data handling.

- **Bank Fraud Detection**

Implemented an ensemble ML model with RandomForest and LogisticRegression, achieving a fraud detection accuracy of 89% on a synthetic dataset.

- **Loan Amount Prediction**

Developed a loan prediction model using RandomForestClassifier, DecisionTreeClassifier, and LogisticRegression with data preprocessing, transformation, and exploratory analysis—achieved model evaluation through accuracy scores and confusion matrices, highlighting robust classification performance.

Awards

- **Innovation Techfeast 2024 (Consolation Prize)**

Won Consolation Prize in a top-tier hackathon by VU & BU!

- **VISIONARY TECHFEAST 2024 (Winner)**

Achieved the 3rd position in a highly competitive hackathon focused on cybersecurity, demonstrating exceptional skills in solving complex security challenges

- **VISIONARY HACKTHON 2023 (Winner)**

Achieved the 1st rank in a highly competitive hackathon focused on cybersecurity, demonstrating exceptional skills in solving complex security challenges.

- **REX - 2023 (Winner)**

Secured first place in a prestigious national competition, showcasing innovative research and excellence in technical problem-solving.

- **METROPULSE - 2023 (Runner-Up)**

Earned runner-up in a multifaceted national event, excelling in technical and non-technical categories.

Languages

- English • Hindi • Marathi

Hobbies

- Table Tennis, Chess, Music, Movies, Pc Building

Certificates

- **Certified Data Processing Specialist Certification**
- **The Web Developer Bootcamp Certification**
- **The Modern Python3 Bootcamp Certification**
- **Certificate of training completion in Data Science Certification**