Vedarth Ramkrushna Ambilkar

+917517714899 | ✉ vedarthambilkar2@gmail.com | 🔗 vedarth-ambilkar-44416b22b/ | Linktree: Vedarth_1204

Personal Profile

Motivated software engineering student with a strong background in programming and problem-solving. Proficient in various programming languages and methodologies, including backend development and Agile practices. Eager to learn and collaborate with cross-functional teams to deliver high-quality software solutions.

Education

Shri Ramdeobaba College of Engineering and Management   *Nagpur, India*
B.Tech in Information Technology   *Present*
- CGPA: 8.3

Prerna Junior College   *Nagpur, India*
Higher Secondary Certificate   *2019 - 2021*
- Percentage: 95.33%

South Point School   *Nagpur, Maharashtra, India*
Secondary School Certificate   *2019*
- Percentage: 92.80%

Work Experience

Vruksh Ecosystem Foundation   *Nagpur, India*
Backend Developer Intern   *Nov 2023 - Apr 2024*
- Developed RESTful APIs using Node.js, Express.js, and Flask to support various features of the application.
- Designed and implemented database schemas and queries using MongoDB, MySQL, and PostgreSQL.
- Explored and learned various technologies such as Docker, LLM models, and OpenAI for potential integration into the project.

Hackathon: Hack This Fall 3.0   *Ahemdabad, India*
Participant   *Feb 2024*
- Collaborated with a team to develop an emergency mobile app aimed to provide immediate assistance and support during critical situations.
- Implemented backend functionalities using Node.js and Express.js, and integrated them with the frontend components built with React Native.
- Demonstrated problem-solving skills and teamwork to deliver a functional prototype within the given timeframe.

Projects

EcoWatch
Integrated Pollution Monitoring and PUC Validation System
- A comprehensive software solution combining real-time pollution monitoring with automated PUC validation by integrating camera sensors for pollution detection in an area.
- Implemented using MERN stack, Automatic Number Plate Recognition using Yolo-v8 ML-model, Optical Character Recognition (OCR), and IoT device

Helping Hands
SOS Mobile App
- An emergency SOS mobile app aimed to provide immediate assistance and support during critical situations.
- Implemented using React Native, Node.js, Express.js, MongoDB

Skills

Programming Languages	C, C++, Java, Python, JavaScript
Tools and Technologies	Node.js ,Express.js , Flask , MySQL, PostgreSQL, MongoDB (NoSQL), RestAPIs
Relevant Skills	Data Structures and Algorithms , DBMS , OOPs

Achievements

Present   **3 Star Coder**, Codechef   *Codechef*