

SHREYAS JANGAM

Software Engineer | AI Enthusiast | Linux Hobbyist

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📍 Thane, Maharashtra

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🌟 willing to relocate - Yes



SUMMARY

Enthusiastic web application developer with a strong foundation in programming and a focus on creating innovative, user-centric digital solutions. Skilled in developing efficient, responsive web applications and passionate about advancing technical skills in the evolving world of technology. Fresh in the field yet driven to leverage knowledge in programming and web development to deliver high-quality results. Known for a proactive approach to problem-solving and continuously seeking to expand expertise in web technologies, frameworks, and design principles.

EXPERIENCE

Software Engineer Intern

Gadre Infotech

📅 06/2022 - 07/2022 📍 Ratnagiri, India

- **Led a 5-person team on a machine learning project** to develop & improve Elevator simulation system algorithm, achieving to maximize efficiency by rewarding shorter wait times and fewer stops.
- **Implemented reinforcement learning algorithms** to dynamically adjust elevator routes, reducing wait times and energy consumption.
- **Conducted extensive testing and model validation** to ensure system accuracy, responsiveness, and reliability under various simulated conditions.
- **Leveraged Python and popular ML libraries (e.g., TensorFlow, scikit-learn)** for model development, achieving substantial improvements in simulation performance.
- **Utilized simulation testing environments** to model and refine elevator behavior under various scenarios, including high-demand situations and emergency operations.
- **Optimized algorithm complexity and processing time** to ensure quick decision-making suitable for real-world elevator systems.

Software Engineer Intern

Aaryak Solutions Pvt

📅 04/2019 - 06/2019 📍 Ratnagiri, India

- **Designed and developed a comprehensive Blood Bank Management System** utilizing Java for backend logic, HTML/CSS for front-end design, and SQL for database management.
- **Implemented user authentication and authorization features** to ensure secure access for different user roles, including admin, donor, and recipient.
- **Developed a relational database schema using SQL** to efficiently manage donor information, blood inventory, and transaction records, ensuring data integrity and retrieval speed.
- **Created responsive and user-friendly web interfaces** using HTML and CSS, enhancing the overall user experience for both donors and hospital staff.
- **Utilized object-oriented programming principles in Java** to create modular and reusable code, enhancing maintainability and scalability of the application.

EDUCATION

BE Computer Science (AI & ML)

Mumbai University 7.19 CGPI

📅 04/2022 - 07/2024 📍 Ratnagiri, India

Diploma in Computer Engineering

MSBTE 91.13%(Topper of the Collage)

📅 12/2017 - 05/2021 📍 Ratnagiri, India

PROJECTS

Sentiment Analysis

Developed a dynamic Sentiment Analysis web application using React, TypeScript, JavaScript, HTML, and CSS. This application leverages natural language processing techniques to analyze user-generated text input and determine the sentiment behind it, categorizing it as positive, negative, or neutral. The project highlights my skills in frontend development, component-based architecture

Transaction Tracking Using Blockchain Smart Contract

Developed a robust funds transaction tracking system for NGO using smart contracts on the Ethereum blockchain, integrated with MetaMask for secure user authentication and transaction management. The project leverages AWS for cloud hosting and PostgreSQL for reliable data storage and retrieval. The system allows real-time monitoring of donations and expenditures, ensuring transparency and accountability in financial operations. By automating transaction processes through smart contracts, it enhances trust among donors and stakeholders. The user-friendly interface provides NGO staff with easy access to transaction history and reporting features, showcasing my expertise in blockchain technology, database management, and cloud solutions.

16 Personality Test

Created a responsive web application for the 16 Personality Test. This application allows users to take a personality assessment and receive insights based on the Myers-Briggs Type Indicator (MBTI). The user-friendly interface guides users through a series of questions, dynamically calculates results, and displays personalized personality profiles.

KEY ACHIEVEMENTS



Published paper entitled Transaction Tracking Using Blockchain Smart Contract

In National conference on 'Futuristic Trends In Engineering & Applied Science 2024'



Experiments

Experimented with GenAI-FLUX.1-Dev LoRA, Tech YT Channel, Data Analysis and Visualization, Writing Technical Articles, Virtualization, IoT projects, Network Protocols and Security

SKILLS

Cloud Computing

Python

Java

SQL

HTML

CSS

Operating Systems

Data Structures

TypeScript