Shreyas Yadav

Software Engineer

🏠 Portfolio 　🐙 Github 　in LinkedIn 　✉ Email 　📞 4155947919

Experience

AMERICAN BUREAU OF SHIPPING | 　Software Engineering Intern
January 2023 - May-2023 | Pune, India

- ➔ Developed an internal employee rating system used by 400+ employees, reducing performance evaluation processing time by 35% and eliminating manual paperwork.
- ➔ Engineered REST APIs for the Freedom for Survey project, enabling real-time data synchronization between Oracle Database and IBM Maximo, improving report generation efficiency by 40%.
- ➔ Collaborated with a cross-functional team using Agile/Scrum methodologies, participating in daily stand-ups and bi-weekly sprints to deliver features on time and within scope.

STARKTECH VENTURES PVT LTD. | 　Web Developer Intern
Oct 2021 - April 2022 | Pune, India

- ➔ Redesigned the company website using Laravel and JavaScript, decreasing load time by 60% and increasing user engagement metrics by 25
- ➔ Integrated a secure payment gateway that processed over 500 transactions monthly, improving conversion rates by 18% and reducing checkout abandonment.
- ➔ Developed a scalable backend system to manage product details, which reduced data entry errors by 45% and improved inventory management accuracy.

Projects

HOTEL MANAGEMENT SYSTEM | Java/Jetty, MySQL, velocity, JS　　Link
- ➔ Developed a full-stack hotel review platform using Java (Jetty/Servlets) for the backend and JavaScript (Fetch API) for the frontend, enabling users to search hotels, read/write reviews, and manage accounts securely.
- ➔ Implemented a MySQL-backed data management system with JDBC, reducing query response time by 30% while maintaining data integrity for hotel reviews and user preferences.
- ➔ Enhanced user experience with dynamic AJAX updates, decreasing page load times by 50% and improving interactivity for high-traffic features such as review submissions and favorites management.

AIRBNB CLONE | React , Mongo , Express , Node　　Link
- ➔ Implemented secure user authentication and authorization using the MERN Stack (MongoDB, Express.js, React, Node.js), including email/password registration, login, and profile management with JWT token validation.
- ➔ Designed an intuitive property listing system with advanced search functionality, increasing user search precision by 60% and reducing time-to-booking by 25%.
- ➔ Booking System and In-App Messaging: Developed a booking system for guests to reserve properties and integrated an in-app messaging feature to facilitate communication between hosts and guests, enhancing the overall user experience.

AI CHAT-ASSITANT | FastAPI, WebSockets , Openrouter , LLM's　　Link
- ➔ Engineered a real-time chat application using FastAPI and WebSocket, enabling session-based conversations with 100% context preservation across multiple user interactions.
- ➔ Implemented support for multiple LLM models via OpenRouter cloud API, allowing users to select from various models like GPT-4o-mini, Claude-3.5 Sonnet, and Gemini-Flash-Thinking-2.
- ➔ Developed an intelligent context relevance checker that improved conversation quality by 40% by prompting users to start new chats when context shifts occurred.

Skills

PROGRAMMING

Proficient:
Java , Python , SQL , PHP , C++

Experienced:
JavaEE , OracleDB , SDLC, Agile

Familiar:
API , Scripting , NoSQL , Deployement, TCP/IP, HTTP/HTTPS, TLS, SSL.

LIBRARIES/FRAMEWORKS

jQuery , Node.js , Spring Boot , Laravel , NextJS , Bootstrap , Tailwind , React-Native

TOOLS/PLATFORMS

Git, Maven ,Docker ,AWS , Openrouter , WireFrame

Education

UNIVERSITY OF SAN FRANCISCO
MS Computer Science
Aug 2024 - Present | San Francisco, CA
School of Computing

RIT , SHIVAJI UNIVERSITY
B.Tech in Computer Engineering
2019-2023 | Maharashtra ,India
School of Computing

Certificates

Java Certification
Scientific Computing with Python

Ongoing Project

WIREFRAME TO CODE
NextJS , Firebase , Drizzle ORM , Neon postgres,　　Link
Designing a user-friendly interface that simplifies the wireframe-to-code workflow, reducing development time for UI components by an estimated 60%.