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Tejas P R

SOFTWARE DEVELOPER

To Learn and secure a software development role that leverages my skills to drive company growth.

Skills

Java, JavaScript, TypeScript, Python, HTML, CSS, Tailwind CSS, React.js, Node.js, Express.js, MongoDB, MySQL, AWS, Git/GitHub, Figma, Project Management, Communication.

Projects

Shoptopia E-commerce Platform:

- JWT-based authentication, encrypted password using bcrypt, AWS S3-backed image storage.
- Optimized Backend: Rate limiting, input validation, error handling.
- Admin Panel: Allows product management with add/view functionalities.
- Enhanced Frontend: Features like debounced input fields, Context API with Recoil for state management, Framer Motion and GSAP for animations.
- Project on GitHub, Deployed on Vercel.

Full Stack AI PDF Chatbot:

- Developed endpoints using LangChain for parsing PDFs into text, splitting them into chunks, and creating vector embeddings stored in Convex DB for text analysis.
- Integrated Google Generative AI to handle vectorized data and provide responses to user queries.
- Implemented secure user authentication using Clerk and handled payment processing with integrated PayPal React.
- Integrated Convex for serverless real-time data management, Tailwind CSS for UI styling, and customizable components.
- Project on GitHub, Deployed on Vercel.

Financial Fortunes: Stock Price Prediction Using LSTM:

- Developed a stock price forecasting system utilizing LSTM (Long Short-Term Memory) neural networks, achieving a 94% accuracy rate.
- Conducted sentiment analysis on financial news headlines to derive investment suggestions and enhance decision-making.

Education

M S Ramaiah University of Applied Sciences, Bangalore   **2020-2024**

Computer Science and Engineering – 8.08 (CGPA)

Sri Adichunchanagiri Independent PU College   **2018-2020**

Pre-University

Achievements

- **Published paper** "Financial Fortunes: Stock Price Prediction Using LSTM" (ICICC)
- National-level poster presentation at MSRUAS

Certificates – Available Here