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Tejas P R

SOFTWARE DEVELOPER

Aspiring software developer passionate about building scalable applications and delivering innovative solutions.

SKILLS

Java, Python, JavaScript/TypeScript, React.js, Next.js, Node.js, Express.js, AWS (EC2, Load Balancer, AMI, SSH, ASG), MongoDB, Prisma, MySQL, PostgreSQL, Docker, Git, HTML, CSS, Tailwind.

EXPERIENCE

Software Developer, Cron labs   03/2025 – present

- Built the frontend for a video generative AI tool, showcasing dynamically loaded videos to simulate generation flow
- Designed a two-page interface: one for video generation and another featuring editing capabilities.
- Integrated video trimming and merging functionality using FFmpeg, enabling in-browser editing.
- Implemented export and video pooling features to allow iterative editing and reuse of generated content.

Full Stack Developer Intern, ETFkidukaan   12/2024 – 02/2025

- Redesigned the UI with the UX team, boosting responsiveness and growing the user base by 22%.
- Developed backend logic for landing page graphs, referral amount calculations, and coupon system.
- Implemented blog management (add/delete), feedback pages, and user guidelines.
- Merged the Free & Silver tiers into a Free tier and retained the gold tier, implementing the necessary backend logic to support the change.

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.
- Project on GitHub, Deployed on Vercel.

Full Stack AI PDF Chatbot:

- Built LangChain endpoints to parse PDFs, chunk text, and store vector embeddings in Convex DB for 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.

EDUCATION

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

B. Tech in Computer Science and Engineering – 8.08

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

Pre-University

COURSE & CERTIFICATIONS

Full Stack Web Development and DevOps - Cohort 3   100xdevs • 2024

ACHIEVEMENTS

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