

Phaneendra Pilli

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PROFESSIONAL SUMMARY

Software Engineer with 2 years of experience delivering scalable solutions in a fast-paced startup, handling architecture, development, and production releases.

PROFESSIONAL EXPERIENCE

InterviewBuddy - Associate Software Development Engineer

Jul 2024 - Present

- Sole developer for the company's revamped and rebranded official website, built from scratch using Next.js and Express; launched successfully with new brand identity and improved SEO.
- Implemented end-to-end payment systems supporting domestic (Razorpay) and international (PayPal) transactions, featuring a custom coupon management system for discounts and automated refund processing.
- Integrated Zoho CRM to automate lead capture from the platform, helping the operations team to track user signups efficiently without manual data entry.
- Integrated Strapi CMS with custom CI/CD pipelines to trigger automated builds, allowing the marketing team to instantly publish blogs seamlessly without any developer effort.
- Designed and developed the order management portal, responsible for the majority of its architecture, development, and deployment — enabling customers to book, manage, and attend interviews reliably.
- Engineered a live interview room architecture with Twilio and Socket.io, enabling low-latency collaboration (video/code/whiteboard) and granular real-time event logging for debugging.
- Developed a core architecture for AI interviews, integrating Generative AI for automated scoring, alongside executing major UI/UX overhauls.
- Engineered a configurable assessment service supporting diverse question formats and enforced strict proctoring rules to ensure test integrity.
- Deployed the website on Dockerized environments using Nginx and Portainer, achieving 99.99% uptime and traffic stability.
- Provided production support by actively debugging live issues and deploying hotfixes to ensure system stability.
- Actively contributed to database architecture discussions and designed scalable schemas to support complex feature requirements.

InterviewBuddy - Software Engineer Intern

Jan 2024 - Jun 2024

- Refactored interviews management system to clear technical debt and implemented major features like Role-Based Access Control.
- Built an end-to-end payment management system to automate interview billing, effectively eliminating manual transaction tracking and significantly reducing payment discrepancies.
- Planned and developed email automation and notification systems using React Email.

SKILLS

Languages: TypeScript, JavaScript

Frontend: Angular, React, Next.js, Tailwind CSS, HTML/CSS

Backend: NestJS, Node.js, Express.js, Hasura, Prisma

Databases: PostgreSQL, Redis, MongoDB

DevOps & Cloud: Docker, Nginx, Linux, Portainer, DigitalOcean

APIs & Tools:

REST APIs, GraphQL, WebSockets, Socket.io, Git & Github, Postman, Chrome DevTools, Twilio, FFmpeg, Strapi

EDUCATION

B.Tech in Computer Science and Engineering (AI & ML)

Pragati Engineering College, Surampalem
2020-2024

WORKFLOW & TOOLS

Linux, i3wm, Neovim, tmux, zsh
Postman, Chrome DevTools.