

PRUDHVI RAJU MALLAVARAPU

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SUMMARY

Full-stack engineer with 6 years of experience building scalable web applications in React, Next.js, Node.js, Nest.js, and Laravel. Specializes in performance-focused frontend engineering, backend system design, and payment integrations, with experience building AI-powered features using the Gemini API. Owns projects end-to-end and mentors junior engineers.

EXPERIENCE

Full-Stack Developer (UI/UX Focus) - Remote | Nov 2025 – May 2026

Heroic Cybersecurity LLC (USA, Utah) · Project: heroic.com (Guardian — Cybersecurity & Breach Monitoring Platform)

- Built responsive, **Next.js** interfaces for cybersecurity dashboards and reporting, achieving sub-4-second load times and A-grade Lighthouse/GTmetrix scores.
- Designed **backend APIs** and services using **Laravel** and **PostgreSQL**, powering breach monitoring, DNS filtering, client onboarding, and reporting modules, with Laradock-based containerized development workflows.
- Architected **Stripe subscription** workflows — upgrades, downgrades, plan swaps, and renewals — with **webhook-driven** billing automation covering the full payment lifecycle.
- Designed **AI-powered** breach resolution workflows using the **Gemini API**, auto-categorizing breach endpoints and generating automated remediation guidance and actionable security recommendations.
- Refactored application components and workflows to improve scalability, maintainability, and performance, collaborating in a remote Agile environment across the full delivery lifecycle.
- Used **Claude Code** and **Cursor** to accelerate delivery and automate repetitive development tasks, and **managed deployments** and production troubleshooting via **Docker**, Linux, and GitHub-based workflows.

Senior Software Engineer — Hyderabad | Mar 2024 – Sep 2025

Esmart Vehicles Pvt. Ltd. (Daaz Limited, UK) · Project: Daaz.com (Domain Marketplace)

- Led the V2 migration of Daaz.com from a monolithic **Laravel** application to a **Nest.js microservices** backend with a **Next.js frontend**, refactoring legacy modules with Service and Repository patterns and SOLID/DRY principles.
- Built core marketplace workflows — domain listing, bidding, Request Price, Make Offer, and Lease-to-Own conversion — using Nest.js, Node.js, and MariaDB.
- Developed **OpenSearch**-powered domain search, improving search relevance and query performance across the marketplace.
- Designed **Redis**-based queue systems and scheduled jobs for asynchronous processing — DNS TXT record verification, bulk domain onboarding/updates, domain validation, and revenue/analytics report generation.
- Architected payment workflows across **Stripe, PayPal, and BitPay (cryptocurrency)**, including secure **webhook** handling and full transaction lifecycle management.
- Built **wallet** and **balance** management features, enabling account funding, transaction tracking, and in-platform marketplace payments.
- Developed lease-to-own domain purchasing via **Stripe subscriptions**, supporting recurring billing, payment schedules, and automated ownership transfer.
- Owned deployments across development, UAT, and production environments using GitLab **CI/CD**.
- Acted as **technical lead** for a team of 3 junior engineers, conducting **code reviews** and driving engineering best practices.

Career Break — Upskilling & Career Transition (Apr 2022 – Mar 2024)

- Focused on strengthening full-stack development skills in React.js, Node.js, and modern JavaScript frameworks through self-study and hands-on projects, preparing to transition back into a full-time software engineering role.

Ward Revenue Secretary - Revenue Dept. - Govt. of Andhra Pradesh (Sept 2019 - Mar 2022)

- Worked in a government administrative contract role before returning to software engineering.

Senior Engineer — Hyderabad (Oct 2015 - Sept 2019)

T&AS DesignTech Services Pvt. Ltd.

- Delivered full-stack web applications for multiple clients, including SkylandImmigration.com, a custom CRM, and MaxProLearn (LMS), using **PHP, Laravel, React.js, Express.js, MongoDB, and MariaDB**.
- Built SkylandImmigration.com as a client's customer-facing platform and developed a bespoke CRM for another engagement to manage client and case workflows.
- Developed MaxProLearn's Laravel API backend and React.js frontend for a client project, building reusable, responsive UI components with shadcn/ui reused across multiple client engagements.
- Owned deployment and maintenance across client projects on Vultr servers, covering the full development-to-production lifecycle.

PROJECTS

Memecraft.in — Personal Project (May 2026 – Aug 2026)

- Built a full-stack application using Next.js 16, Nest.js, TypeScript, and Supabase, integrating the Gemini API for AI-powered SEO, content moderation, and tagging.
- Implemented OpenSearch, Redis caching, and ClamAV-scanned file uploads using Cloudflare R2; containerized the application with Docker and deployed backend and frontend services across Coolify, Contabo, and Vercel.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, PHP, SQL

Backend: Node.js, Nest.js, Express.js, Laravel, REST APIs, Webhooks, Microservices, Auth

Frontend: React.js, Next.js, Tailwind CSS, shadcn/ui, HTML5/CSS, TanStack Query, Zustand, React Hook Form

Databases & ORM: PostgreSQL, MariaDB, MySQL, Drizzle ORM

Infrastructure: Docker, Docker Compose, Laradock, Nginx, Linux, AWS (EC2, RDS), Vercel, Coolify, Vultr, Contabo, Git, GitLab CI/CD

Search & Caching: OpenSearch, Redis (caching, queues, scheduled jobs)

Payments: Stripe, PayPal, BitPay (cryptocurrency), Wallet/Balance Management

AI & Tooling: Gemini API, Claude Code, Cursor, OpenAI Codex, Google Antigravity

Practices: System Design, API Design, SaaS Architecture, SOLID/DRY, Service & Repository Patterns, Database Design, Performance Optimization, Agile Collaboration

EDUCATION

RGUKT-AP IIIT Nuzvid

B.Tech in Civil Engineering — 7.17 CGPA, 2015

RGUKT-AP IIIT Nuzvid

Pre-University Course (M.Bi.P.C. – IT) — 8.17 CGPA, 2011

Z.P. High School, Vuyyuru

SSC — 87.83%, 2009

CERTIFICATIONS

Laravel (TestDome) · React.js (Cutshort) · Laravel (Cutshort) · HTML/CSS (Cutshort)