

CHERUKURU INDRASENA REDDY

FULL STACK DEVELOPER

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[Portfolio](#)

PROFESSIONAL SUMMARY

Full Stack Developer with 3+ years of experience specializing in React.js and React Native for building scalable web and mobile applications. Proficient in cross-platform mobile development and responsive web interfaces, with strong backend integration skills in Node.js and FastAPI. Experienced in RESTful API development, JWT authentication, and delivering production-ready solutions in fast-paced startup environments using Agile methodologies. Skilled in CI/CD pipelines, unit testing, and end-to-end application ownership from development to AWS deployment.

TECHNICAL SKILLS

Languages: JavaScript (JS), TypeScript, Python

Frontend & UI: React.js, React Native, Next.js, Tailwind CSS, Material-UI, Ant Design

Backend: Node.js, Express.js, FastAPI

Databases: MongoDB, MySQL (SQL)

Cloud & DevOps: AWS (EC2, S3), Nginx, Firebase

Tools & IDE: Git, GitHub, Visual Studio Code, Cursor, Antigravity

Other Expertise: REST APIs, JWT Authentication, OAuth, RBAC, Push Notifications, Payment Gateway Integration (Razorpay, Stripe), PDF Generation, FHIR/ABDM Healthcare Standards

EXPERIENCE

FULL STACK DEVELOPER

Apr 2025 to Present

Spur.fit – Bangalore, Karnataka, India

- Developed cross-platform mobile applications using React Native.
- Built responsive web applications using React.js.
- Designed and developed backend services and REST APIs using Node.js and Express.js.
- Integrated Garmin and Strava OAuth for athlete activity sync.
- Implemented Razorpay payment and subscription workflows.
- Built dashboards, reports, and Excel export features.
- Developed membership and scheduling management features.

FULL STACK DEVELOPER

Jan 2023 to Apr 2025

Destratum Solutions Pvt Ltd – Chennai, Tamil Nadu, India

- Developed end-to-end healthcare applications using React.js, FastAPI, Node.js, and AWS.
- Built responsive React.js interfaces and reusable component libraries.
- Integrated REST APIs, state management, and real-time Firebase notifications.
- Developed scalable backend services with FastAPI and Node.js.
- Implemented JWT authentication and role-based access control (RBAC).
- Managed AWS deployments with Nginx and CI/CD workflows.
- Developed ABDM-compliant FHIR integrations for secure healthcare data exchange.

EDUCATION

Bachelor of Technology (B.Tech) – Electrical and Electronics Engineering

Audisankara College of Engineering and Technology, Gudur, Andhra Pradesh

Graduated: May 2023 | CGPA: 8.54 / 10.0

PROJECTS

ENTERPRISE GENAI PLATFORM (AI GOVERNANCE & MODEL MANAGEMENT)

Tech Stack: React.js, TypeScript, Material UI (MUI), Tailwind CSS, Lucide React, FastAPI, PostgreSQL, JWT Authentication, AWS

- Developed an enterprise AI platform enabling organizations to securely manage employee access to multiple LLM providers (GPT, Claude, Gemini) through a centralized admin portal.
- Built role-based user management features including employee onboarding, activation/deactivation, deletion, and permission management using JWT authentication.
- Implemented dynamic AI model assignment, allowing administrators to configure and assign AI model families to individual users without application changes.
- Developed token quota management, enabling administrators to define and monitor per-user AI token consumption and usage limits.
- Built chat history and activity monitoring modules, allowing administrators to track employee conversations, uploaded documents, and AI usage analytics.
- Implemented document upload and AI interaction workflows to support context-aware conversations with assigned AI models.
- Designed responsive and reusable UI components using React.js, TypeScript, Material UI, Tailwind CSS, and Lucide React.
- Developed scalable REST APIs using FastAPI and optimized PostgreSQL database operations for high-performance enterprise workloads.
- Deployed and maintained the application on AWS with secure authentication and scalable cloud architecture.

E-COMMERCE APPLICATION

Tech Stack: React.js, TypeScript, Node.js, Express.js, MySQL, Prisma ORM, Razorpay, JWT Authentication, Tailwind CSS, Vercel

- Independently developed a full-stack e-commerce platform for a local one-gram jewelry business to establish its online sales presence.
- Built a responsive frontend using React.js with an intuitive shopping experience, including product catalog, cart management, and seamless checkout workflows.
- Developed scalable REST APIs using Node.js and Express.js with MySQL and Prisma ORM for efficient data management and optimized database operations.
- Implemented role-based access control (RBAC), enabling secure admin management of products, inventory, and orders while supporting multiple customer accounts.
- Integrated Razorpay online payments and Cash on Delivery (COD), ensuring secure payment processing and order confirmation workflows.
- Developed order management and inventory tracking modules to streamline business operations and improve stock visibility.
- Deployed the application on Vercel, delivering a scalable and cost-effective hosting solution with optimized performance.