

Ravi Ranjan

Location: Bihar, India

Works | [LinkedIn](#) | [GitHub](#) | [Leetcode](#)

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Software Engineer with 1.5+ years building fintech backend systems in production, plus freelance leadership shipping AI-powered products (voice agents, chatbots, fund management infra) from zero to deployment.

EDUCATION

Vellore Institute of Technology (VIT), Bhopal

Bachelor of Technology in Computer Science and Engineering

Aug 2021 – Aug 2025

CGPA: 8.63/10

TECHNICAL SKILLS

Languages	: JavaScript, TypeScript, Python, C++
Frontend	: React.js, Next.js, Recoil, Zustand, Redux Toolkit
Backend	: Node.js, Express.js, NestJS, REST APIs, GraphQL, FastAPI, Flask
Databases	: MongoDB (Mongoose), PostgreSQL (Prisma), Redis, Vector DB, Graph DB
DevOps & Cloud	: Docker, Kubernetes, Helm, Terraform, Argo CD, Prometheus, Grafana, AWS, CI/CD Pipelines (GitHub Actions)
AI & LLM Tools	: LangChain, LangGraph, RAG, Mem0, MCP, Tracing, Guardrails
Dev Tools	: Git, GitHub, VS Code, Postman, Chrome DevTools, Turborepo

EXPERIENCE

Software Engineer

ARIVE

Jul 2026 – Present

Hybrid – Gurugram, India

- Promoted from Associate Software Engineer to Software Engineer in recognition of consistent delivery and ownership
- Designed and implemented org-level **SSO** (Single Sign-On) for the lender portal, enabling lending partner organizations to authenticate their users via their own org's SSO
- Diagnosed and resolved multiple production support and security bugs, improving platform stability and reducing recurring issue tickets
- *Technologies: NestJS, Auth0, SSO, Koa.js, Nx*

Associate Software Engineer

Aug 2025 – Jun 2026

- Delivered core business logic for a fintech platform, contributing to scalable and secure backend system design
- Built a new universal login experience, unifying authentication flows across the platform for a simpler, more consistent user journey
- Migrated critical business logic from **Koa.js** to **NestJS** within an **Nx** monorepo, improving maintainability and consistency across microservices
- Co-led migration of legacy authentication logic to a universal auth system using **Auth0**, enhancing security and scalability across the platform
- Collaborated with QA and Frontend teams to ensure seamless API integration and smooth end-to-end feature delivery
- *Technologies: NestJS, Koa.js, Nx*

Software Developer

Jobsforce.ai

Feb 2025 – Jul 2025

Remote – San Francisco

- Led a team of three developers to build an AI-powered job recommendation platform, improving candidate job search efficiency through intelligent resume matching and personalized recommendations
- Designed and implemented CI/CD pipelines using GitHub Actions, streamlining deployment and reducing time-to-market
- Architected and optimized a scalable infrastructure with vertical scaling, enhancing system performance and user experience
- Implemented distributed task management using BullMQ for handling concurrency and ensuring fault-tolerant
- Designed and documented database schema and architecture for efficient data management and retrieval
- *Technologies: Node.js, Express.js, React.js, MongoDB, BullMQ, GitHub Actions, REST APIs, Docker*

FREELANCE EXPERIENCE

Full Stack & AI Developer (Freelance)

Sagenex

- Lead a team of 4 developers building the **FMS** (Fund Management System) and client-facing project infrastructure
- Improved overall system security by identifying and patching vulnerabilities across the platform
- Built a self-made, low-cost AI-powered security bot and integrated it into the **CI/CD** pipeline to catch security issues before deployment
- Managed and maintained multiple production servers, ensuring uptime and reliability
- Built real-world AI tools including conversational **chatbots** and voice-based **calling bots** using **Twilio** and **OpenAI** APIs for automated customer interaction
- Designed and developed a **project management infrastructure** with a **multi-level authorization** system, supporting role-based access control across teams and projects
- Built a **Telegram bot** and dashboard for automated attendance tracking, replacing manual logging for the team

INTERNSHIPS

Full Stack Developer Intern

Segmind

Jul 2025 – Aug 2025

Remote – Hyderabad, Telangana

- Developed the Segmind JavaScript SDK for seamless API interaction, enhancing developer experience
- Leveraged **Bun**, **TypeScript**, and **ESLint** to deliver high-quality, maintainable code
- Collaborated with cross-functional teams to integrate SDK features, resulting in improved platform performance and user engagement
- *Technologies: TypeScript, Bun, JavaScript, ESLint, REST APIs*

Web Developer Intern

Ksham Innovation

May 2024 – Jun 2024

Remote – Jhansi, UP

- Re-amended the company website using React.js, increasing performance by 40%
- Implemented optimizations that led to a 20% increase in user retention and a 10% boost in online sales
- *Technologies: React.js, Daisy UI, Tailwind CSS, Docker, Framer Motion*

PROJECTS

TeleBeli – AI Calling Agent Platform

- Built an AI-powered voice calling agent platform for businesses, covering lead capture, outbound call logging, and campaign management
- *Technologies: Twilio, OpenAI API, React.js, Node.js*

TeamZamp – SaaS Development Agency

- Co-run a SaaS development agency delivering client web platforms; built marketing infrastructure including cross-client-compatible HTML email templates
- *Technologies: React.js, Node.js, HTML/CSS*