

# RANJIT PARMAR

Backend Engineer | Cloud Infrastructure

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## PROFESSIONAL SUMMARY

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Backend engineer focused on building scalable web systems and production-grade cloud infrastructure. Shipped Codiva, an AI SaaS platform with live subdomain deployments on bare Linux. Hands-on experience in CI/CD pipelines, containerised deployments, and secure API design.

## TECHNICAL SKILLS

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<b>Languages</b>	Java, TypeScript, JavaScript, Go, Python
<b>Backend</b>	Spring Boot, Node.js, Express.js, REST APIs, GraphQL, WebSockets, JWT
<b>Databases</b>	PostgreSQL, Redis, MongoDB
<b>Infrastructure</b>	Linux, Nginx, Docker, AWS (EC2, S3, VPC), Cloudflare, Azure
<b>CI/CD &amp; Testing</b>	GitHub Actions, Terraform, Docker Compose, Jest, Vitest
<b>Security</b>	OWASP Top 10, Burp Suite, Vulnerability Assessment, Penetration Testing
<b>Tools</b>	Git, GitHub, Postman

## EXPERIENCE

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**Backend Engineer — Freelance** **Jun 2025 – Present**  
*Self-Employed* *Remote*

- Delivered production backend APIs for 3+ client projects using Node.js, Express, and PostgreSQL
- Deploy and manage production services on Linux servers with Nginx and Docker, handling configuration, SSL, and uptime
- Build authentication systems, database schemas, and third-party integrations tailored to each project's requirements

**Security Analyst Consultant** **Jan 2025 – Jun 2025**  
*AppX (YC S21)* *Remote*

- Performed security assessments on web and Android platforms using Burp Suite and OWASP methodology, identifying 25+ vulnerabilities across injection, broken authentication, IDOR, and sensitive data exposure
- Documented each finding with reproduction steps, severity ratings, and remediation guidance, enabling the engineering team to triage and patch without additional back-and-forth

## PROJECTS

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**Codiva — AI-Powered Website Generator** codiva.ranjitparmar.in  
*TypeScript, Node.js, Next.js, PostgreSQL, Redis, BullMQ, OpenAI API, Nginx, Linux*

- Implemented asynchronous job processing using Redis and BullMQ workers to handle parallel AI generation tasks with automatic retries and failure recovery
- Provisioned wildcard SSL subdomain routing via Nginx — each generated site gets its own live subdomain with zero manual configuration per deployment
- Deployed and managed the full stack on a bare Linux VM — PostgreSQL, Redis, and a hardened reverse proxy with rate limiting, without relying on any managed platforms
- Set up a GitHub Actions pipeline for automated linting, testing, and Docker image builds on every push to production

## EDUCATION

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**Bachelor of Engineering — Information Technology** **2023 – 2027**  
*L.D. College of Engineering, Ahmedabad* CGPA: 8.70 / 10

*Relevant Coursework:* Data Structures & Algorithms, Database Management Systems, Computer Networks, Operating Systems, Information Security