Swaraj Chandra Reddy M

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Professional Summary

Software Engineer with 1+ year of experience across backend and full stack: Go microservices, PostgreSQL data pipelines, and React UI on Amazon Web Services (AWS), for job-intelligence and healthcare document platforms. Researches before building and measures before changing; works daily with Claude Code, Codex, and Cursor, and verifies changes with tests, benchmarks, and CloudWatch metrics.

Work Experience

Software Engineer Sep 2025 to Present
DexaMinds, Hyderabad

- Wrote SpotMyJob's pre-build sourcing research, then started and own its 2 Go microservices on AWS ECS, SQS, and EventBridge with Terraform, Docker, and GitHub Actions, feeding a Node.js search service over REST
- Re-sized transform concurrency on measured load: **64%** more throughput, no new infrastructure; moved pgvector HNSW to half precision (98.2% recall@10) and dropped the old index for **17x** faster ingestion
- Removed **88%** of a job-board sweep's requests by proving, field by field, that a list endpoint already returned the data per-item calls fetched; ETag revalidation now answers **83%** of board reads with 304
- Shipped **React** features (TypeScript, TanStack Query, Tailwind CSS) with their Fastify APIs: "Did you mean" search that never auto-applies, draft-then-apply filters, and onboarding gated on match inputs
- For a client's healthcare platform (Apr to Jun 2026), built Go ingestion and LLM extraction on Step Functions with Gemini, Vertex AI, Azure OpenAI, and Bedrock adapters; a lab report ran scanned file to result in **62 s**

Software Engineer Intern Jun 2025 to Sep 2025
DexaMinds, Hyderabad

- Built reusable React and TypeScript components with lazy loading and code splitting, shipping tested UI-to-API changes in Agile sprints
- Delivered **15+ frontend and backend production fixes** after root-cause analysis and pre-deployment validation with Chrome DevTools and server logs

Skills

Programming Languages: Go (Golang) | TypeScript | Python | SQL
Backend: Microservices | REST APIs | Event-Driven Architecture | Node.js
Databases: PostgreSQL | pgvector | MongoDB
Cloud & CI/CD: AWS (ECS, SQS, EventBridge, Step Functions, CloudWatch) | Terraform | Docker | GitHub Actions
AI Engineering: LLM Integration | Claude Code | Codex | Cursor
Frontend: React | Next.js | TanStack Query

Projects

ResumeCanvas | Live | Next.js 16, React 19, MongoDB, TypeScript, Groq AI, Puppeteer Dec 2025 to Present

- Indexed the per-user resume list on owner and update time: a local 50,000-resume benchmark reads **25** documents, not 50,000 (**1 ms** vs 30 ms p50), so the stale-data list cache was removed
- Traced intermittent build failures to a Next.js font-loader bug and reproduced them on demand, then upgraded Next.js, Auth.js, Mongoose, and transitive packages: advisories fell from **92** to **6**, none critical
- Found the AI features failing silently after Groq retired their model; moved them to GPT-OSS 120B with visible errors instead of canned answers, choosing JSON mode after strict schemas failed **2 of 24** live calls

Education

GITAM University, Bachelor of Technology in Computer Science | CGPA: 8.2/10 Aug 2021 to Jun 2025

Certifications

- **AWS Academy Graduate: Cloud Architecting** | AWS Academy | May to Jun 2024
- **IBM Full Stack Software Developer** | Coursera | Jan 2025
- **MongoDB Python Developer Path** | MongoDB University | Nov 2025