Dheemanth M

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SUMMARY

CSE undergrad (BMSCE, CGPA: 9.08/10) with 3 production-grade fullstack projects spanning AI/NLP analysis, queue infra, and collaborative editing. Built real-time CRDT editors, BullMQ workers, analytics dashboards, RBAC invite systems, and prompt-engineered LLM pipelines. Seeking backend/fullstack SDE roles with scale, ownership, and system-level problem solving.

TECHNICAL SKILLS

Languages:	TypeScript, Python, C++, SQL
Backend:	Node.js, Express, PostgreSQL, Redis, BullMQ, MongoDB, Firestore
Frontend:	React, Next.js 14/15 (App Router), Tailwind, Chart.js, Framer Motion
Infra & Tools:	Docker, Railway, Vercel, Swagger, JWT, Puppeteer, CRON
AI/NLP:	Gemini Pro, Cohere, Mistral, OpenRouter, pdf-parse, natural, compromise

PROJECTS

DheeSpace – Real-time Collaborative Editor –Live | GitHub   *Feb 2025 – Present*

- Fullstack Notion-style editor with CRDT sync (Liveblocks + Yjs), Firestore backend, and Clerk-auth RBAC invites.
- Built version history with diff-restore, AI chat/translate via Gemini 1.5, DOCX/PDF export using Puppeteer.
- Designed presence-aware cursor UX with avatars; 200+ docs created by 50+ users in production.

DheeNotifications – Queue-Based Messaging Infra –Live | GitHub   *Apr 2025 – Present*

- Redis-backed BullMQ engine to send/schedule Email+SMS with retry, exponential backoff, and CRON-based jobs.
- Includes real-time analytics dashboard, log tracking, Swagger API, Clerk+JWT auth, and CSV-based bulk notify.
- Monitored worker jobs with error states, rate limiting, and Dockerized deployment on Railway + Vercel.

ResuScanX – AI Resume vs JD Analyzer + ATS Checker –Live | GitHub   *Mar 2025 – Present*

- AI/NLP engine using Gemini + fallbacks (Mistral/Cohere/OpenRouter) to score resume vs JD and extract skill gaps.
- Built ATS compatibility simulator; parses resumes, checks format issues, and visualizes match via Chart.js.
- Modular service-oriented architecture with secure JWT auth; used by 100+ users for personalized analysis.

EDUCATION

B.M.S. College of Engineering, Bangalore	*2022 – 2026*
B.E. in Computer Science	CGPA: 9.08 / 10
Sadvidya PU College, Mysore	*2020 – 2022*
PUC – Karnataka State Board	96.4%
Christ Public School, Mysore	*2010 – 2020*
Class X – CBSE	90%

ADDITIONAL

- Solved 300+ LeetCode problems (DSA + SQL) – LeetCode Profile
- Former School Vice Captain, Cultural Secretary, and IEEE Volunteer at BMSCE.
- Passionate about infra design, distributed systems, clean API architecture, and developer tooling.