Dheemanth M

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SUMMARY

Final-year CSE student (BMSCE, CGPA: 9.08) with strong expertise in scalable backend systems and production-grade fullstack platforms. Built systems with Redis queues, retry schedulers, CRON jobs, Docker, and LLMs. Actively seeking SDE/Backend/Infra roles with high ownership and impact.

TECHNICAL SKILLS

- **Languages:** TypeScript, Python, C++, SQL
- **Backend:** Node.js, Express, PostgreSQL, Prisma, Redis
- **Infra:** Docker, Railway, CI/CD, BullMQ, GitHub Actions
- **Frontend:** Next.js, React, TailwindCSS
- **Security:** Clerk, JWT, RBAC, Helmet, Bcrypt
- **Monitoring:** Swagger, Postman, Logging, Retry Queues
- **AI/Others:** Gemini Pro 1.5, Puppeteer, Chart.js

EXPERIENCE

Backend Developer — Solo Internship Project (Apr 2025 – Present)
DheeNotifications   Live | GitHub

- Built a production-grade **BullMQ + Redis** queue system with CRON-based scheduling and retry logic
- Integrated **Twilio** and **SMTP** for SMS and email delivery; secured with **Clerk JWT**
- Dockerized and deployed via **Railway**; added Swagger docs, retry logs, analytics, and job dashboard
- Validated stability at scale by sending **1000+ test notifications** via batch upload

Fullstack + AI Infra Developer — Indie Project (Mar 2025 – Present)
DheeSpace   Live | GitHub

- Engineered a Notion-style CRDT editor using **Yjs**, **Liveblocks**, and **Firestore** with real-time sync
- Integrated **Gemini Pro 1.5** for AI chat-to-doc, summarization, and translation workflows
- Enabled versioning, RBAC with **Clerk**, and public doc links; **200+ documents by 50+ users** deployed on **Vercel**

SIMULATED EXPERIENCE

JPMorgan Chase — Software Engineering Simulation (Forage)   Jun 2025

- Built secure microservices using **Spring** and **Kafka** for streaming financial data
- Designed REST APIs with observability, modularity, and proper enterprise structure

EDUCATION

BMS College of Engineering, Bangalore   2022–2026
B.E. in Computer Science — *CGPA: 9.08 / 10*

Sadvidya PU College, Mysore   2020–2022
PUC — Karnataka Board — *96.4%*

Christ Public School, Mysore   2010–2020
Class X — CBSE — *90%*

ACHIEVEMENTS & INTERESTS

- Solved **300+ LeetCode problems** (DSA + SQL)
- IEEE core team, School Vice Captain; led college tech fests and hackathons
- Passionate about infra design, dev tools, and distributed systems
- Open to SDE, Backend, Infra, DevOps, or Platform Engineering roles