Dheemanth M

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Summary

Final-year Computer Science student at BMSCE, Bangalore, with a strong focus on backend systems, infrastructure, and real-time platforms. Built and deployed production-grade systems like an AI-powered collaborative document editor and a fault-tolerant notification engine. Skilled in REST APIs, databases, message queues, and scalable infra. Seeking impactful SDE roles in backend or platform-focused teams.

Technical Skills

- **Languages:** TypeScript, Python, C++, SQL
- **Backend:** Node.js, Express, PostgreSQL ,Prisma ORM, Redis, Firebase, BullMQ, WebSockets
- **Frontend:** Next.js , React, TailwindCSS, ShadCN, Framer Motion
- **Infra/Tools:** Docker, Railway, Vercel, Git, Swagger, CRON, Twilio, Nodemailer
- **Auth/Security:** Clerk, JWT, Bcrypt, CORS, Helmet, RBAC
- **Other:** Gemini Pro 1.5, Puppeteer, Chart.js

Projects

DheeSpace – Real-time Collaborative Docs Platform   *Feb 2025 – Present*
dheespace.vercel.app | GitHub

- Engineered a Notion-style fullstack platform with real-time editing (Liveblocks + Yjs) and AI tools (Gemini Pro).
- Features: Chat-to-doc, Translate, Versioning, Temporary public docs, and RBAC via Clerk.
- Firestore + Admin SDK backend; deployed on Vercel with Next.js App Router.
- Used by 50+ users with over 200+ documents created.

DheeNotifications – Notification Delivery System   *Apr 2025 – Present*
dheenotifications.vercel.app | GitHub

- Developed a scalable backend for email/SMS notifications using Redis, BullMQ, Express, and PostgreSQL.
- Features: CSV bulk uploads, retry logic, analytics dashboard, JWT-auth APIs.
- Sent 100+ test notifications via Twilio/SMTP
- Dockerized and deployed via Railway; Swagger-documented endpoints.

Virtual Internship / Simulations

JPMorgan Chase – Software Engineering Simulation (Forage)   *June 2025*

- Built REST-based microservices using Spring and Kafka to handle secure financial data streams.
- Practiced modular enterprise API design and tested deployment with Maven.

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   Percentage: 96.4%

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

Additional

- Solved 300+ LeetCode problems (DSA + SQL).
- Passionate about infra design, distributed systems, and developer tools powered by AI.
- Former School Vice Captain and Cultural Secretary; active IEEE volunteer at BMSCE.