

# Dheemanth Madaiah

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## Summary

Final-year CSE student at BMSCE (CGPA: 9.08) with strong backend and infrastructure skills. Built and deployed systems with Redis queues, CRON schedulers, JWT-based auth, and LLM-based analysis. Passionate about scalable platforms and security-first engineering. Seeking impactful backend roles at companies like CloudSEK.

## Technical Skills

**Languages:** TypeScript, Python, C++, SQL  
**Backend:** Node.js, Express, Redis, PostgreSQL, Prisma, REST APIs  
**Infra/DevOps:** Docker, GitHub Actions, Railway, BullMQ, CRON  
**Security:** JWT, Clerk, RBAC, Helmet, Bcrypt  
**Frontend:** Next.js (App Router), React, TailwindCSS  
**Other Tools:** Swagger, Chart.js, Puppeteer, Gemini API

## Projects

**DheeNotifications** — Scalable Notification Platform [\[Live\]](#) [\[Code\]](#)  
*Node.js, Redis, PostgreSQL, BullMQ, Docker*

- Built a production-grade system with Redis queues, retry logic, CRON scheduling, and background workers.
- Integrated Twilio + SMTP for SMS/email, with CSV bulk send, failure recovery, and real-time analytics.
- Secured with Clerk JWT, Dockerized for infra repeatability, deployed via Railway.

**ResuScanX** — AI Resume Analysis + ATS Matching [\[Live\]](#) [\[Code\]](#)  
*Next.js, Express, Gemini API, MongoDB*

- Built a fullstack LLM-based resume analyzer with JD matching, ATS scoring, and AI feedback workflows.
- Used OpenRouter, Gemini, Mistral, and Cohere in fallback orchestration; JWT-secured analysis pipeline.
- Enabled semantic parsing, token stats, charts, file safety — shipped securely on free-tier infra.

## Experience

**JPMorgan Chase — Software Engineering Virtual Program (Forage)** Jun 2025  
Built secure microservices with Spring Boot and Kafka; practiced modular enterprise REST API 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  
CBSE — 90%

## Achievements

- Solved 300+ DSA problems on LeetCode (DSA + SQL).
- Built **DheeSpace** — a real-time collaborative editor with LLM assistant and presence features [\[Live\]](#) [\[Code\]](#).
- IEEE volunteer; led tech fest infra & backend.
- Served as Vice Captain and Cultural Secretary