Dheemanth M

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SUMMARY

Backend-focused CSE student (BMSCE, CGPA: 9.08/10) with experience in distributed infra, messaging queues, and production-grade APIs. Built and deployed systems with 1000+ notifications, JWT-based security, CRON schedulers, and real-time analytics. Seeking backend/infra internships with system-level ownership.

TECHNICAL SKILLS

Languages:	TypeScript, Python, C++, SQL
Backend:	Node.js, Express.js, PostgreSQL, Prisma, MongoDB, Firebase
Infra/DevOps:	Redis, BullMQ, Docker, Railway, CRON, Clerk, JWT
Tools:	Swagger, Git, Twilio, Nodemailer, Chart.js, Puppeteer

PROJECTS

DheeNotifications – Notification Infra Platform –Live | GitHub   *Apr 2025 – Present*

- Developed scalable backend for email and SMS messaging using Node.js, Redis, and PostgreSQL.
- Built Redis-based BullMQ queue system with CRON jobs, exponential backoff, and real-time analytics.
- Implemented CSV bulk upload, delivery scheduling, and multi-channel retry logic with full audit logs.
- Secured APIs via JWT + Clerk; exposed unified Swagger-documented API for notification control.
- Dockerized and deployed on Railway; processed 1000+ test messages across all channels.

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

- AI platform using Gemini, Mistral, and Cohere to analyze resume-vs-JD match and suggest improvements.
- Built ATS parser and keyword gap highlighter with skill extraction and formatting feedback.
- Created real-time visualizations for score + match/gap insights using NLP-based parsing.
- Secure backend using Node.js + MongoDB + JWT-auth; used by 100+ users so far.

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

- Built DheeSpace – collaborative Notion-like editor with AI chat, translate, and live editing (Live).
- Solved 300+ DSA + SQL problems on LeetCode.
- Former school Vice Captain and Cultural Secretary;IEEE volunteer at BMSCE.
- Passionate about backend queues, distributed infra, and systems design.