

Dheeraj Guggal

Bengaluru, Karnataka · +91 8050678800 · dheerajguggala17@gmail.com · github.com/theGDJ

EDUCATION

CMR University — Bengaluru, India

Expected Graduation: 2027

Bachelor of Technology in Computer Science & Engineering

TECHNICAL SKILLS

Languages: JavaScript (ES6+), C++, Python, HTML5, CSS3

Web & Frameworks: MERN Stack (MongoDB, Express.js, React, Node.js), REST APIs, PostgreSQL, Prisma

AI & Integrations: OpenAI, Gemini, Gmail APIs, Google OAuth 2.0

Cloud & Infrastructure: Amazon Web Services (AWS), Linux System Administration

Tools & Platforms: Git, GitHub, Visual Studio Code, LaTeX

CERTIFICATIONS & TRAINING

Google GenAI Program — CMR University

Aug 2026

AWS Certified Cloud Practitioner — Amazon Web Services

Jun 2026

Linux Essentials — Cisco Networking Academy

Jan 2026

Artificial Intelligence Fundamentals — IBM SkillsBuild

Jan 2025

PROJECTS

AI Mail Summarizer

REACT · NODE.JS · EXPRESS · POSTGRESQL · PRISMA · GMAIL · OPENAI · GEMINI

- Built a full-stack AI email-management platform with Google OAuth 2.0 sign-in, Gmail synchronization through the Gmail API, and a React dashboard presenting AI analysis for every message.
- Integrated OpenAI and Gemini APIs to generate structured analysis — summaries, key points, action items, deadlines, and priority/category classification — validating all AI output against a JSON schema before persisting it to PostgreSQL via Prisma.
- Implemented tone-based AI reply generation that never sends without explicit user confirmation, and designed a provider-agnostic email service layer so Outlook can be added without refactoring Gmail-specific logic.

Library Management System

NODE.JS · EXPRESS.JS · MONGODB · RENDER

- Architected and deployed a full-stack web application handling book inventories, user authentication, and transaction records.
- Designed robust RESTful APIs using Express.js and managed database operations with MongoDB.
- Automated continuous deployment pipelines by hosting the live production instance on Render.

Personal Developer Portfolio

HTML5 · CSS3 · JAVASCRIPT · GITHUB PAGES

- Developed a responsive portfolio website hosted on GitHub Pages to showcase technical projects and credentials.
- Implemented responsive UI practices, ensuring fast page loading speed across mobile and desktop devices.

COMPETITIVE PROGRAMMING & HACKATHONS

- **Smart India Hackathon (SIH):** Collaborated with a team to design and build practical software solutions under strict timeline constraints for real-world municipal and social problem statements.
- **TCS CodeVita Season 13:** Participated in Round 1 Qualifiers (Zone 1), solving complex algorithmic challenges and data structure problems under timed conditions.

VOLUNTEERING & COMMUNITY WORK

- **CMR University Community Initiatives:** Active contributor in campus-wide social responsibility drives, including organizing blood donation camps, leading eco-friendly plastic-free awareness campaigns, and assisting educational supply donation drives for local primary schools.