Rahul K

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EDUCATION

The National Institute of Engineering — Mysore
Bachelor of Engineering in Information Science — *Sep. 2023 – Sep 2027 (Expected)*

Kendriya Vidyalaya No.1 — Panambur, Mangalore
CBSE I-XII — *April 2011 – May 2023*

TECHNICAL SKILLS

Languages: Python, C, MongoDB, HTML/CSS,
Frameworks: Node.js, Express.js
Databases: MySQL, MongoDB
Developer Tools: Git, Google Cloud Platform, VS Code
Libraries: PyMySQL, Matplotlib

EXPERIENCE

School Captain — April 2022 – March 2023
Kendriya Vidyalaya No.1 — *Panambur, Mangalore*

- Had regularly been a part of the student council since 2016 and graduated PUC as the School Captain
- Was actively involved in organizing cultural events, sports events and farewells
- Was a representative of the school for campaign for road safety

Gen AI Study Jams — May 2024
Google Developer Student Clubs NIE — *Mysore*

- Attended sessions on Generative AI, including practical workshops and lectures on tools such as Google Cloud Platform and Vertex AI.
- Gained hands-on experience with AI applications and collaborated with peers on AI projects.
- Acquired skills in using advanced AI tools like Vertex AI, DuetAI, and Gemini.

Backend Developer Intern — June 2024
Quadropics — *Online*

- Learnt various components used in backend like Node.js,Express.js,JWT, Prisma ORM,
- Worked on learning basic CRUD operations
- Worked on an AI-Code Editor
- Learnt Rust

PROJECTS

CAED Solver | *Python,Matplotlib,NumPy* — October 2023

- Developed a program to visually solve problems on Projection of Points
- Implemented using the Pyplot from Matplotlib Library to represent the solution graphically
- Visualized GitHub data to show collaboration
- Used Celery and Redis for asynchronous tasks

Fee Management System | *Python,MySQL* — November 2021 – February 2023

- Developed a console-based Fee Management System Model with Python using MySQL as the database
- Database is divided and can be independently accessed only by the respective teacher
- Implemented different modules for Teachers and Parents for easy checking of fee status and for convenient registration and deletion of students into the database
- Implemeted fee structure with fee reductions based on different criterions