Goutham Kumar

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Portfolio | Linkedin | GitHub

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OBJECTIVE

A self-motivated and curious Computer Science student with a deep desire to understand things at their core. Passionate about meaningful growth, real-world impact, and learning with purpose at every step.

SKILLS

- **Frontend:** HTML, CSS, JavaScript, React.js, React Native
- **Backend:** Node.js, Express.js, REST APIs
- **Database:** PostgreSQL, MongoDB
- **DevOps & Deployment:** Docker, Git & GitHub
- **Authentication & Security:** JWT, OAuth
- **Others:** Zustand, Tailwind CSS, Prisma, Socket.io, Vite

PROJECTS

Air Pollution Prediction by Machine Learning | LINK   **April 2025**

- o   Built a machine learning model to predict air pollution using historical data.
- o   Created an ML-based system to forecast air pollution levels from past data.
- o   Improved prediction accuracy through model selection and tuning
- o   Improved prediction accuracy through model selection and tuning. Interpreted results to support data-driven environmental insights.

Simon Game | LINK   **February 2025**

- o   Designed an interactive Simon game with a polished, user-focused UI/UX.
- o   Implemented core game logic using JavaScript for smooth and responsive gameplay performance.
- o   Built a reliable backend with Node.js and Express to manage game flow and data.
- o   Focused on performance, scalability, clean code structure, and maintainability throughout the project.

Quora Website | LINK   **January 2025**

- o   Developed a Quora-style platform with a robust backend and highly optimized CRUD operations and workflows..
- o   Designed RESTful APIs to manage questions, answers, and interactions efficiently.
- o   handling complex data operations, real-time interactions, and efficient content management for an enhanced user experience..

CERTIFICATE

Java DSA (Apna College) | CERTIFICATE   **March 2025**

AI Foundations (IBM SkillBuild) | CERTIFICATE   **December 2024**

Data Analytics(Deloitte) | CERTIFICATE   **November 2024**

EDUCATION

Malla Reddy College of Engineering   **Hyderabad, India**

B.Tech in Computer Science & Engineering   2023 – 2027