GOKUL S

📞 +91 6363428738 ✉ gokuls68735@gmail.com in linkedin.com/in/gokuls25
 github.com/Gokul-141

About Me

A driven and innovative software developer with hands-on experience in full-stack development and AI-driven optimization techniques. Adept in Python, JavaScript, and Node.js, I specialize in building scalable and efficient software solutions. I have successfully implemented machine learning models to improve CPU resource allocation in virtualized environments by 20 percent. Passionate about technology, I thrive in collaborative, fast-paced teams and am eager to contribute to projects that make a tangible impact.

Education

J S S Academy of Technical Education Bengaluru
B.E. in Information Science and Engineering   Nov. 2022 – June 2026
Bengaluru, Karnataka   **CGPA: 6.8**

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Operating Systems
- Database Management
- Object-Oriented Programming

Projects

AI-Augmented Kernel for Resource Optimization — Python, cgroups, Machine Learning
Aug. 2024 – Oct. 2024
- Engineered an AI model using Random Forest to predict CPU usage, boosting resource efficiency.
- Integrated `psutil` for real-time metrics and `cgroups` for dynamic resource control.
- Validated performance improvements through stress testing, enhancing CPU stability.

Technical And Language Skills

- **Languages**: JavaScript, Python, SQL, Java, C, HTML, CSS
- **Frameworks**: Node.js, Express.js
- **Tools**: Git, GitHub, VS Code
- **Concepts**: Machine Learning,Computer Networks
- **Languages**:English,Hindi,Kannada,Tamil,Telugu

Hobbies

- Playing sports like Volley Ball and Badminton
- Like To Travel Around and enjoy the Vivew