

Sanagapalli Sai Susheel Gupta

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LinkedIn | Github

Education

K L University, B.Tech in Computer Science Engineering - Artificial Intelligence 2019 – 2023
CGPA: 8.6/10
Coursework: Mathematics for Computing, Quantum Physics, AI, Machine Learning, Deep Learning, NLP, Cloud Architecting, Software Engineering, Full Stack Development, AWS, Azure.

Technologies

Programming Languages: C, C++, Java, Python, HTML, CSS, JavaScript
Frameworks: .NET, Spring Boot, Django, React, MEAN, MEARN
Tools: Git, GitHub/GitLab, Jenkins
Cloud Technologies: AWS, Azure
Interests and Domain: Machine Learning, Full stack development, Computer Vision, Cloud Computing, Security Engineering, Devops.

Work Experience

Associate Software Engineer, Bosch Global Software Technologies, Jul 2023 – Present
Hyderabad, TG

- Contributed to key modules of the Smart Lab Project, engineering scalable web applications using .NET, C# & MS SQL.
- Developed a time series-based AI prediction and recommendation system for the I-Smart Lab Project, using ARIMA & Prophet to reduce downtime, optimize lab resource utilization, and address additional use cases.
- Implemented end-to-end testing automation with Selenium, which decreased testing time by 15% and expanded test coverage by 25%. Developed reusable test scripts and integrated them with CI/CD pipelines to streamline the testing process, which accelerated deployment cycles and improved QA reliability.

Intern, Bosch Global Software Technologies, Coimbatore, TN Oct 2022 – May 2023

- Developed web application components using Python, HTML, CSS, and JavaScript, gaining practical experience in Grafana and Jenkins for Cross Computing Projects.
- Automated file access in SharePoint and integrated Jenkins notifications with MS Teams, reducing workflow interruptions.
- Created XML-to-Robot file automation and ticketing tool for remote PC management, improving support efficiency by Optimizing Working time.

Projects

Face Mask Detection System using CNN

- Developed and deployed a CNN-based real-time mask detection system using TensorFlow, achieving 95% accuracy, supporting public health compliance in environments such as schools and offices.
- **Technologies:** Python, TensorFlow, Keras

Leadership, Activities, and Certifications

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- Advisor for KL CSE FOCUS, Advisor for KL CSE CEA & Hobby Clubs, fostering engagement in tech initiatives.
 - Core Events Manager for KL Alumni Association; led events like Samyak, Surabhi & #include attracting 20,000+ participants.
 - Finalist in KL University's 48-hour hackathon, developing a MEAN Full Stack solution.
 - **Certifications:** AWS Solutions Architect Associate, Microsoft Certified Azure Developer Associate