

# Sanagapalli Sai Susheel Gupta

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LinkedIn | Github

## Education

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**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

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**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

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**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.

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

- Built foundational skills in Python, HTML, CSS, and JavaScript, utilizing tools like 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

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### Face Mask Detection System using CNN

- Built a CNN model in TensorFlow for real-time mask detection, achieving accuracy of 95% and aiding in public health compliance.
- **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