Siddharth Srivastav

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AI & ML Engineering Student

AI/ML Developer and IEEE AESS Vice Chair with experience building ML and computer vision systems. Developed a traffic predictor (94% accuracy) and a real-time object detection assistant (95% accuracy). Skilled in Python, MLOps, and scalable AI solutions.

Experience

Intel Unnati – AI/ML Trainee — May 2025 – Jul 2025
- Built **ML models for network traffic analysis**; improved prediction accuracy by 15%.
- Reduced simulated network latency by **20% through optimization techniques**

Faramond Technologies – AI/ML Intern — Apr 2025 – Jun 2025
- Improved model interpretability by **25% and reduced preprocessing time by 30%**.
- Deployed ML models for **real-time prediction pipelines**.

Acmegrade – Machine Learning Intern — Jun 2025 – Aug 2025
- Built ML pipelines using **Scikit-learn**; improved accuracy **by 18%**.
  Automated preprocessing and evaluation, **reducing workflow time by 40%.**

Projects

Ambulance Traffic Predictor – Python, Pandas, Scikit-learn
- Built traffic prediction system achieving **94% accuracy and reducing response time by 22%**

Automated MLOps Pipeline – Python, Docker, GitHub Actions
- Designed CI/CD pipeline **improving deployment speed by 35%.**

AI Personal Assistant with Object Detection – Python, YOLO, OpenCV
- - Developed real-time object detection assistant with **95% accuracy and reduced latency by 60ms.**

Extra-Curriculars

Vice Chair — IEEE Aerospace & Electronic Systems Society (AESS)
- Led **chapter planning and member engagement initiatives**; coordinated technical sessions and workshops for students.

Executive Member — IEEE GRSS
- Organized and contributed to technical seminars and workshops; increased student participation by **25%**.

Senior WebMaster — INICIA (Department of ECE)
- Led departmental web development initiatives; improved digital engagement by event **20%** through optimized platforms.

Student Instructor — Python Workshop (Dept. of ECE)
- Conducted hands-on Python programming workshop for **50+ students** ;taught core programming concepts and practical applications.

Education

CHRIST University, Bangalore, BTech in Artificial Intelligence and Machine Learning — June 2023 - May 2027
- *CGPA:3.34/4*

Skills

Technical:	C++, C, SQL, Python, VScode, Microsoft Excel, Oracle VM machines, Oracle SQL, Flutter, Figma, Google Applications, Data Science, Data Analytics, PyTorch, TensorFlow, OpenCV
Soft Skills:	Communication, Project Management, Team Management, Time management, Strategic Thinking, Public Relations, Leadership, Creative thinking and Adaptability, Problem Solving
Languages:	English (Professional), Hindi (Native), Malayalam (Native)