

# Balaji Sasank Chaganti

B-Tech, 2nd Year, CSE AI-ML - SRM University | Ph : +6382955615/9840138842

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## ABOUT

As a second-year B.Tech student majoring in Computer Science, I excel in HTML, CSS, JavaScript, and front-end frameworks like React for building responsive and dynamic web applications. I am also proficient in Python, C++, Java,, particularly in Deep Learning and NLP using TensorFlow. Additionally, I have expertise in AWS includes EC2, S3, and SageMaker. My skills extend to MySQL for database management, and version control with Git, and PowerBI.

## TECHNICAL SKILLS

- **Languages :** Python, C++, C
- **Ai-ML:** Scikit Learn, Tensorflow, OpenCV
- **Web Dev :** • Frontend - HTML, CSS, Javascript, ReactJS.  
• Backend - MYSQL, MongoDB(Learning)
- **Cloud Tools :** AWS (EC2, S3, AWS SageMaker, Lamda), Azure(IOT center,IOT hub)
- **Other Skills :** Internet of Things, Edge Computing, Jetson Nano, ESP32, Linux Commands

## PROJECTS

- **Active Crash Detection and Alerting System - AI,IOT:**  
Developed CNN-based crash detection system using supervised learning from CCTV footage, promptly alerting emergency services to enhance accident response and potentially save lives.
- **Qwiklab's club website Front end using Reactjs and Git:**  
Developed the front-end of the Qwiklabs Club website using React.js,.Implemented version control and collaboration features with Git for efficient project management and updates.
- **AI Voice Integration, Front-end for SRM University for the Admission Kiosk - AWS(In-House):**  
Developed an AI voice integration and front-end interface for SRM University's admission kiosk, Leveraged HTML, CSS, and ReactJS to build a responsive Website, while utilizing AWS infrastructure.

## CERTIFICATIONS:

- **Generative AI and Large Language Models**
- **Cloud Big data and ML Fundamentals - GCP**
- **Supervised & Unsupervised Machine Learning**
- **AWS Machine Learning Foundations**

## STUDENT CLUBS:

- **Cloud Team Lead-** QDC SRMIST
- **AI / ML member** - Team Envision
- **Web Dev Team Member** - Cintel Association
- **Web Dev Team Member** - SRM IET

## ACCOMPLISHMENTS:

- **Special Mention in SRM Project Expo 2024"**  
By SRM DEI Chief Innovation Officer(CIO):
- **Shortlisted from SRM among 300 teams to participate in the finals of SIH:**
- **Appreciation for leading as the Workshop speaker for 150+ B.Tech students at SRM University on GCP Cloud:**

## EDUCATION & HACKATHONS:

SRM University, Kattankulathur (2022-2026)  
Bachelor of Technology in CSE w/s in AI ML  
CGPA - 9.12 Till Sem 3

- **Participated** - 4
- **Special Mention** - 1
- **Top 10** - 2