

# Bhavya Sree.K

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## Education

<b>Woxsen University, Hyderabad</b>	2023 - 2027
BTech in Computer Science Engineering	CGPA: 8.3
<b>Sri Chaitanya Junior College, Nellore , AP</b>	2021 - 2023
Intermediate (MPC)	CGPA: 9.63/10
<b>Sri Chaitanya Techno School, Nellore , AP</b>	2020 - 2021
	CGPA: 10/10

## Technical Skills

**Programming Languages:** Python, JavaScript, SQL, HTML, CSS **Software Tools:**

Adobe Illustrator, Photoshop

**Technical Expertise:** Data Structures and Algorithms, Artificial Intelligence, Internet of Things (IoT)

## Projects

- **Wearable Sensor Belt with IoT System for Prevention of fall in Elderly People**

Implemented a forensic sketch generator using GANs, CLIP, and DeepFace, allowing users to generate sketches from text descriptions.

- **Portable Insight Collection Device**

Real-Time Adaptive Feedback Mechanism this device dynamically adjusts survey questions and feedback prompts based on user responses and emotional cues, ensuring personalized and context-aware consumer engagement. Edge AI Processing for Instant Insights is equipped with on-device AI processing, the system analyzes feedback locally without requiring continuous internet connectivity, enabling faster insights and enhanced data privacy.

- **MediCare Health Plus**

Developed a smart hospital management system (Medicare Health+) using Django, React, Flutter, and MongoDB with real-time appointment and stock tracking. Followed Agile (Scrum) methodology to ensure iterative development, collaboration, and efficient project delivery.

## Research (Ongoing)

- **E-Speed Breaker for Intelligent Speed Control and Toll Collection** Flat Electric Speed Breaker: A smart system using RFID and RF readers to monitor vehicle speed, ensuring smoother rides and automated speed enforcement without traditional bumps. Detects over speeding, issues penalties, enables automatic breaking, and facilitates seamless toll collection, improving road safety and efficiency.

## Certifications

- Crash Course on Python - Google
- Machine Learning with Python - IBM

- Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning - DeepLearning.ai
- Introduction to the Internet of Things and Embedded Systems - University of California, Irvine
- Accenture UK-Developer and Technology

## **Experience**

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- Research Assistant**

Worked as a Research Assistant at Woxsen University, focusing on AI-based projects and contributing to the development and publication of multiple research papers in the field of artificial intelligence.

- CodSoft Intern**

Gained hands-on experience in front-end and back-end development, working on projects , technical skills while working remotely.

- CiviGlo- Innovations (Technical Executive )**

Designed and developed innovative machines specifically for smart city applications.

- Volante Technologies (Developer and Test Automation)**

Completed a paid internship , where I contributed to automation processes and gained hands-on experience in enterprise financial technology solutions