SRI MANIKANTA AKULA

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CAREER OBJECTIVE

To contribute my skills and continuously enhance them in alignment with the latest technologies, while embracing the values of agility, customer-centricity, and purpose-driven leadership at Tech Mahindra. I aspire to play a pivotal role in delivering best-in-class technology solutions, creating value for stakeholders, and advancing the organization's vision of sustained growth.

EDUCATION

B.Tech, IOT & CYBER SECURITY INCLUDING BLOCK CHAIN TECHNOLOGY — MVGR College Of Engineering Vizianagaram

CGPA : 9.08 (up to Date) — JULY 2024 — NOVEMBER 2023
(Pursuing)

Intermediate, MPC — SRI CHAITANYA Jr COLLEGE
Percentage : 89.2% — December 2020 — May 2022

10th Class , CBSE — NARAYANA ENG.MEDIUM SCH. PARADESIPALEM
Percentage : 86.4% — MARCH 2020

SKILLS

Programming Languages: C Language, Python, Embedded C, C++, Java .

Data Structures: Advanced Data Structures and Algorithms.

Databases: Basic SQL, **MongoDB.**

Web Technologies: HTML, CSS, JavaScript, and **Node.js**.

ADDITIONAL SKILLS

Cloud Computing: Familiarity with AWS, Google Cloud.

Cybersecurity: knowledge on security protocols and practices.

Artificial Intelligence & Machine Learning: Understanding of AI frameworks like TensorFlow or PyTorch.

Internet of Things (IoT): Basic IoT protocols and device integration.

PROJECTS

COLLEGE CANTEEN DIGITALISATION Done in MVGR COLLEGE OF ENGINEERING — **NOVEMBER 2024**

Developed and implemented a digital application for the college canteen, streamlining operations and reducing waiting times compared to the manual process. Played a key role in building the system, enhancing efficiency and delivering a seamless user experience for students, staff, and faculty.

Virtual Personal Shopping Assistant Done in MVGR COLLEGE OF ENGINEERING — **OCTOBER 2024**

Developed a voice-enabled virtual assistant within a week, leveraging knowledge from AI tools and integrating Natural Language Toolkit (NLTK) capabilities. This application allows users to efficiently search for products, add items to the cart, and access shopping features—all through intuitive voice commands. The project showcases a seamless blend of AI and natural language processing to enhance the online shopping experience.

OBSTACLES DETECTION BOT DONE IN MVGR COLLEGE OF ENGINEERING — **DECEMBER 2023**

Collaboratively contributed to the development of an Obstacle Detection Bot as part of a group project, marking my first hands-on experience in building an IoT application. Played a role in utilizing microcontrollers and development boards such as Arduino and Raspberry Pi, while assisting in the integration of sensor readings with motor control using embedded C. This project introduced me to the foundations of IoT and teamwork in a technical environment.

EXPERIENCE

Participated in a 2 WEEK TECHNICAL WORKSHOP — **IIIT SRICITY workshop – MAY 2024**

Participated in an intensive 2-week program on IoT and Autonomous Systems at IIIT Sri City. The program covered key topics such as “IoT & Applications,” “Intelligent Autonomous Systems,” and “Digital Twin,” providing a comprehensive understanding of emerging technologies.

CO-CURRICULAR ACTIVITIES

Coordinating the Emerging Technologies Student Club: Lead and organize initiatives within the club to explore and promote cutting-edge technologies.

Actively contributing to the Inter-Departmental Student Club: Foster collaboration and engagement among students across various departments.

Serving as Class Representative(2022-2026): Representing my branch by bridging communication between students and faculty, ensuring smooth academic coordination.