

Silveru Mithra

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Education

ACE Engineering College, Hyderabad

2021 – 2025

Bachelor of Technology in Computer Science and Engineering (Internet of Things)

CGPA:8.0

Sri Chaitanya Junior Kalasala, Hyderabad

Jun 2019 – Mar 2021

Intermediate – PCM

Score: 96.4%

Relevant Coursework

- Internet of Things
- Data Structures
- Full Stack Developer
- DevOps
- Cloud Computing
- Software Development Life Cycle

Experience

Smart Internz | SmartBridge & salesforce

Nov 2023 – Jan 2024

Salesforce Administrator

Hyderabad

- Completed 6+ Salesforce Superbadges and 10+ modules in Admin, Security, and Reporting. Automated 15+ business processes, managed 100+ records, and implemented custom reports and user security models.

Projects

Full Stack Application Development Capstone Project | Django, React.js, Node.js

August 2025

- Designed a full stack web application (over 500+ lines of code) using Django, React, Node.js, and MongoDB, with dynamic UI and secure authentication. Automated CI/CD pipelines deployed the solution on IBM Cloud with Kubernetes, supporting up to 1,00+ concurrent users. Demonstrated strong expertise in cloud-native architecture and DevOps, delivering more than 10 integrated microservices

IoT-Enhanced Robot For Human Detection Of Concealed Threats | AT89C52, GSM, Keil

June 2025

- Automated a smart surveillance system using PIR sensor, ESP32-CAM, and GSM for 95% accurate motion detection, real-time alerts, and 24/7 continuous camera monitoring. Programmed AT89C52 and RF modules for wireless robot control with 100m range and 1s response time.

Life-Line : Real-Time Patient Health Monitoring System | Arduino, Serial Wi-Fi Terminal

February 2025

- Implemented a real-time health monitoring system using Arduino Nano, sensors, and ESP-01 for wireless transmission of vitals. Enabled 24/7 live tracking on LCD and mobile with 98% data accuracy via Serial Wi-Fi Terminal.

FoL - Father of Libraries | HTML, CSS, Bootstrap

August 2022

- Built a responsive Digital Library Management System used by 200+ students for streamline book circulation and inventory tracking for institutional use. Implemented borrowing, catalog viewing, and real-time updates using HTML, CSS, JavaScript, and backend technologies.

Technical Skills

Programming: C, Java, Python, JavaScript, TypeScript.

Web Development: React.js, Angular, Express.js, Node.js, SpringBoot, Django, Flask, RESTful API, Redux, JSON, TailwindCSS.

Data Bases & Analytics: MongoDB, MySQL, PostgreSQL, Power BI, Tableau.

DevOps & Cloud: Docker, Kubernetes, Jenkins, OpenShift, IBM Cloud, Git/GitHub.

Developer Tools: VS Code, Linux, Jupyter Notebook, Postman, Selenium.

IoT & Embedded Systems: Embedded C, Arduino, Raspberry Pi, Node MCU, IoT Protocols, Keil,

Software Engineering: Agile (SCRUM), SDLC, Microservices, Software Architecture, Prompt Engineering, Gen AI, DSA.

Achievements

- Certificate of Completion(CourseEra) - **IBM Full Stack Software Developer - Certificate**
- Certificate of Completion(Forage) - **Deloitte Australia Data Analytics - Certificate**
- Certificate of Accomplishment(Hacker Rank) - **SQL - Certificate**
- Certificate of Completion(NPTEL) - **Introduction to Programming in C. Certificate**
- Certificate of Completion(NPTEL) - **The Joy of Computing Using Python. Certificate**
- Solved 100+ Data Structures and Algorithms problems on platforms like LeetCode and HackerRank, strengthening problem-solving and coding skills.