

SUJANA KOLA

Portfolio: sujanakola.github.io/Sujana_Kola_Portfolio | **GitHub:** github.com/Sujanakola | **LinkedIn:** linkedin.com/in/sujana-kola
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Education

Vellore Institute Of Technology, Vellore

M.Tech Integrated Software Engineering

May 2025

CGPA: 9.01

St.Patricks Junior College, Hyderabad

TSBIE MPC

April 2020

Percentage: 92.4%

Johnson Grammar School, Hyderabad

ICSE

April 2018

Percentage: 82.83%

Experience

Capgemini

Software Engineer

Aug 2025 – Present

Bangalore

- Developed and customized SAP UI5/Fiori applications, streamlining business workflows and improving end-user productivity.
- Integrated UI5 apps with OData services and CDS views, ensuring seamless backend connectivity and real-time data access.
- Enhanced UI/UX by implementing responsive designs and reusable components, reducing development time and improving scalability.

NXP Semiconductors

Student Technical Intern

Aug 2024 – June 2025

Bangalore

- Automated 20+ UWB system validation test cases, cutting manual QA effort by 30% and boosting cycle efficiency.
- Resolved critical calibration issues by collaborating with cross-functional teams, improving reliability across multiple firmware builds.
- Partnered with cross-functional teams to streamline debugging workflows, sharpening problem-solving and collaboration skills applicable to large-scale engineering projects.

Projects

- **Budget Tracker** | (Live Demo) | (GitHub) Built a responsive web app to manage income/expenses with category filtering, CSV export, persistent `localStorage`, and real-time charts. **Tech:** HTML, CSS, JavaScript, Chart.js
- **Thyroid Disease Classification** | (Live Demo) | (GitHub) Streamlit-based ML app predicting thyroid conditions from user input. Achieved **94% accuracy** using Random Forest with feature engineering and EDA. **Tech:** Python, Streamlit, scikit-learn
- **Seam Carver** | (Live Demo) | (GitHub) Java CLI tool implementing content-aware image resizing using seam carving with dynamic programming and pixel energy metrics. **Tech:** Java, Image Processing

Technical Skills

Languages: Python, Java, JavaScript, HTML/CSS, SQL, ABAP (basic)

Tools/Frameworks: SAP UI5, SAP Fiori, OData, CDS Views, Jenkins, Flask, Streamlit, Selenium, Git, Bootstrap, Tailwind, Bitbucket

Platforms: SAP Business Technology Platform (BTP), SAP Web IDE, VS Code, Figma, Adobe Photoshop

Concepts: Machine Learning, Web Development, Test Automation, OOPS, CI/CD, SAP Backend Integration, Fiori Design Principles

Certifications

- AWS Certified Cloud Practitioner – Amazon Web Services
- Web Development (HTML, CSS, JS) – Coursera
- Python Programming (Programming for Everybody) - Coursera

Achievements

- **1st Place** – HackX 36-Hour Hackathon by IEEE-SPS (2021). Led Team Hackers-XD to build and deploy an innovative tech solution in a time-critical environment.
- **Published Paper** – Presented *Handwritten Character Recognition Using Deep LSTM Approach* at the 14th International Conference on Soft Computing and Pattern Recognition (SoCPaR 2022).
- **Merit Scholar** – Received VIT Merit Scholarship for academic excellence (2020–2021).
- **Leadership** – Core Member of 3 active student clubs at VIT: VinnovateIT, FEPSI, and Animation Club, contributing to technical and creative initiatives.