SAI ABBHIRAM VALUPADASU

valupadasusaiabbhiram@gmail.com | LinkedIn | GitHub | Portfolio | +91 9849786297

EDUCATION

Vignana Bharathi Institute of Technology — Hyderabad
- B.Tech in Computer Science & Engineering (Business Systems) | GPA: 7.8 — **2021 – 2024**

Central Institute of Tool Design — Hyderabad
- Diploma in Automation & Robotics Engineering | GPA: 7.7 — **2019-2021**

SKILLS SUMMARY

Programming:	Python, Java, SQL, C
Salesforce:	Apex, SOQL, Triggers, Lightning Web Components (LWC), Visualforce, Flows, Process Builder
Frameworks/Libraries:	Pandas, Numpy, Scikit-Learn, Matplotlib
Databases:	MySQL, MongoDB, SQLite
Tools & Platforms:	Power BI, Tableau, Excel, PyCharm, Jupyter Notebook, VS Code, IntelliJ IDEA, Docker, AWS
Soft Skills:	Rapport Building, Stakeholder Management, Team Collaboration, Effective Communication

---

EXPERIENCE

INDEPENDENT SOFTWARE DEVELOPER | Hyderabad, India | LINK — **May 2024 - Present**
- Designed and developed scalable applications integrating business logic, user experience, and modern frameworks (React.js, Node.js, Salesforce Platform).
- Delivered projects including *Spotlight (Real-Time Social Network)* and *Netflix-Clone*, demonstrating skills in full-stack development, database design, and authentication systems.
- Built and deployed cloud-ready solutions with Docker, MongoDB, and AWS services to ensure performance and scalability.
- Collaborated with Agile teams, applying Scrum methodologies to deliver maintainable and efficient solutions on time.

SALESFORCE VIRTUAL INTERNSHIP | SmartBridge | LINK — **Oct 2023 – Mar 2024**
- Customized Salesforce CRM by creating custom objects, workflows, and validation rules to streamline business processes.
- Developed Apex classes, triggers, and SOQL queries to automate data validation and reporting tasks.
- Built Lightning Web Components (LWC) for interactive dashboards and user-friendly UI enhancements.
- Integrated Salesforce tools (Flows, Process Builder) to optimize automation and improve operational efficiency.

PROJECTS

Cartlytics – Market Basket Analysis | LINK — **Aug 2023 – Dec 2023**
- Implemented the FP-Growth algorithm to identify purchasing patterns and associations from transaction datasets.
- Designed and deployed an interactive Streamlit dashboard with visualizations of support, confidence, lift, and conviction metrics.
- Enabled data-driven decision making by uncovering cross-selling opportunities and actionable business insights.

FashionX – Fashion Recommender System | LINK — **Jan 2024 - Apr 2024**
- Built a fashion recommender using ResNet50 and Nearest Neighbors to provide personalized product suggestions.
- Deployed as a Dockerized Streamlit application for seamless scalability and user accessibility.
- Enhanced user experience by integrating real-time recommendation updates with visual similarity search.

CERTIFICATES

Salesforce Administrator Trailmix | CERTIFICATE — **Mar 2024**
- Gained hands-on experience with Salesforce CRM including objects, workflows, validation rules, and automation tools.
- Learned Salesforce security, user management, and business process customization.

Salesforce Developer Trailmix | CERTIFICATE — **Jan 2024**
- Developed Apex classes, triggers, SOQL queries, and Lightning Web Components (LWC).
- Built and deployed end-to-end Salesforce customizations and automation workflows.

AWS Academy Cloud Foundations | CERTIFICATE — **Dec 2022**
- Gained knowledge of core AWS services including EC2, S3, IAM, and VPC.
- Built understanding of cloud architecture, security, and deployment.