

SAI SUSHMITHA ANCHA

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EDUCATION

University of Florida, Gainesville, FL

MS in Information Systems & Operations Management

Relevant Coursework: System Design & Dev, Project Management, Business DB Systems, Marketing, Production & Operations Management, Business Programming

Jawaharlal Nehru Technological University, Hyderabad

B.Tech in Electronics and Communication Engineering

SKILLS

Programming: Java, Python, SQL, C# JavaScript
Database: MySQL, SQL Server, MongoDB, BigQuery
Business Tools: Tableau, Power BI, Excel (VLOOKUP, PivotTables), JIRA, SAP (Basics)
Systems: SDLC, Agile/Scrum, REST APIs, UML Diagrams
Certifications: AWS Academy Graduate, Google Data Analytics

EXPERIENCE

HARMAN International

Apr 2022 - Nov 2023

Engineer | Product Development

- **Systems Analysis & Optimization**
 - Redesigned SQL Server architecture for a prosthetic app, reducing data retrieval time by **35%** and improving reporting accuracy for **10K+ users**
 - Documented **50+ system requirements** using UML diagrams, reducing development rework by **25%** through clearer stakeholder alignment
- **Agile Product Development**
 - Involved with a cross-functional team to develop .NET MAUI Blazor app, increasing user adoption by **30%** through improved accessibility features
 - Managed JIRA backlogs for 3 sprints, delivering **90%** of features on-time through effective prioritization
- **Process Improvement**
 - Designed responsive UI/UX with Figma, reducing user issues by **40%** and boosting engagement by **25%**
 - Implemented secure authentication and data storage, decreasing transaction errors by **20%** through robust API design

ACADEMIC PROJECTS

Retail Inventory Optimization System

SQL, UML, Power BI

- Analyzed inventory data using **SQL**, identifying \$120K+ in excess stock.
- Designed **UML diagrams** to streamline workflows, cutting approval time by **40%**.

Hospital Appointment System

MySQL, ER Diagrams, Python

- Reduced no-show rates by **30%** via automated reminders.
- Optimized database queries for **35% faster performance**.

Product Roadmap for “ShopEase” Feature

JIRA, Agile, Figma

- Created a 6-month roadmap for a “One-Click Checkout” feature aimed at reducing cart abandonment rates.
- Conducted **user interviews** to identify top pain points, increasing checkout completion by **5%**.
- Owned end-to-end project coordination and **data-driven** prioritization, ensuring timely feature rollouts.

LEADERSHIP

Director - SST, IETE: Organized events on space sciences for 200+ participants. Led a satellite tracking project.

Documentation Lead, IEEE: Managed technical documentation for 10+ IEEE events, ensuring accuracy for 300+ attendees.