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Education

Year of Completion: Expected May 2026

Shiv Nadar University Chennai; BTech. Computer Science Engineering(Internet of Things) CGPA : 7.8/10
St Michael's Academy; ISC 86.5/100 Percentage

Experience

Software Testing Intern in Worldline India Pvt Ltd, Chennai, A global leader in Payment from May 2024 to 10th July 2024

- Developed a CRUD-based POS simulation website using **.NET MVC Visual Studio**
- Enabled real-time data updates using **AJAX**, eliminating the need for page refreshes
- Implemented frontend backend validation for accurate transaction input
- Designed a navigation system with routing to display real-time user data
- Conducted software **testing** and **debugging**, ensuring system reliability
- Attempted **TCP** integration to connect with the company's dummy testing server

Projects Accomplished

Transaction Simulation and List View | *DOT net Framework, C, PostGreSQL and JavaScript*

- Developed a CRUD-based POS simulation website using **.NET MVC**
- Implemented frontend backend validation for accurate transaction input.
- Conducted software testing debugging, ensuring system reliability.
- **Compared .NET and PHP for transaction processing and presented findings**

WORLDLINE 

Real Time-Credit Card Fraud detection Using MQTT and Machine Learning | *MQTT,Python,PSQL* [Ongoing]

- Designed implemented an **MQTT**-based transaction streaming system.
- Built a fraud detection pipeline using **XGBoost**, trained on real-world transaction data
- Integrated a database to track credit card transactions to automate fraud flagging

WORLDLINE 

IoT Data Visualization Using Azure IoT Hub and Power BI| Azure Storage,Stream Analytics,IoT Hub,Power BI

- **Configured Azure IoT Hub to manage and process data from IoT devices.**
- **Generated Makeshift data**
- **Configured Azure IoT Hub to manage and process data from IoT devices ie.("the generated data")**
- **Set up Azure Stream Analytics jobs to process incoming telemetry data**
- **Displaying Data in PowerBI**

Certifications

- Learn Python like a Professional Start from the basics and go all the way; [Udemy]
- **Become a Master AWS Developer[Udemy]**
- Complete hands-on machine learning and GenAI tutorial with data science, Tensorflow, GPT, OpenAI, and neural networks [Udemy, Ongoing]

Technical Skills

- **Languages:** Java, Python, C, SQL (Postgres),HTML/CSS, R
- **Frameworks:** ASP.NET MVC, Power BI, Tinkercad, Azure IoT Hub