

BINDU SAI PRIYA YARAMALA

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PROFESSIONAL SUMMARY

An Organized and motivated individual, eager to utilize time management and organizational skills across diverse settings. Seeking entry-level opportunities to enhance abilities while contributing to company growth.

TECHNICAL SKILLS

Languages: Python, SQL, HTML&CSS, MATLAB.

Databases: MySQL, PostgreSQL.

Developer Tools: MATLAB, MS Excel, MS PowerPoint, Power BI, Arduino.

Technologies/Frameworks: AWS Cloud Fundamentals, Data Analysis, Circuit Design.

Software Methodologies/Concepts: Machine Learning, Digital Signal Processing, Image Processing.

EDUCATION

Master of Engineering -Electrical and Computer

University of Windsor, Windsor, ON Sept 2023 - Dec 2024

Bachelor of Technology -Electronics and Communication

VelTech University, India Jul 2019 - May 2023

EXPERIENCE

Sales Associate | 7-Eleven | Windsor, ON Nov 2024 – Present

- Delivered frontline customer support by processing payments, troubleshooting issues, and handling returns using POS systems.
- Reported recurring service challenges to supervisors, supporting improvements in customer satisfaction and service delivery.
- Promoted in-store campaigns and loyalty programs, contributing to sales targets and customer engagement.

Customer Service Representative | Charminar Indian Cuisine | Windsor, ON Nov 2023 – Jun 2024

- Handled customer inquiries and complaints via phone and in-person, ensuring prompt and courteous resolution.
- Logged service interactions and provided feedback to improve team coordination and customer experience.
- Supported promotional efforts and upselling to increase order value and service effectiveness.

PROJECTS

- **Smart Parking System**

Designed and developed an IoT-based smart parking system using MATLAB, Arduino, and embedded hardware to reduce time wastage and traffic congestion in crowded areas.

- **Modified Box Filter Design and Noise Analysis on 2D Images**

Implemented a customized box filter to reduce noise in 2D images, addressing Gaussian, salt-and-pepper, and speckle noise while maintaining image clarity and improving traditional filtering methods.

- **Design and Analysis of Compact Microstrip Antenna using Machine Learning**

Applied machine learning algorithms to optimize a compact microstrip antenna, using a Fuzzy Inference System to improve gain, bandwidth, and radiation pattern.

CERTIFICATIONS

- Introduction to Data Engineering (Coursera)
- Smart India Hackathon - Internal Hackathon Participant
- Course Completion Certificate for MATLAB Programming Techniques (MathWorks Training Services)
- Data Analytics and Visualization Job Simulation (Accenture, Forage)

EXTRACURRICULAR ACTIVITIES

- Active participant in engineering hackathons and innovation challenges.
- Enthusiastic about AI, cloud computing, big data analytics, and IoT research
- Passionate about solving real-world problems using advanced data engineering techniques and smart systems
- Member in Unnat Bharat Abhiyan club in Velttech university.