AM

A. MOHAMED SHAMEER

Electronics and Communication Engineering Student

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Summary

I am a highly motivated Electronics and Communication Engineering student with a keen enthusiasm for IoT, AI, and ML. My expertise encompasses web development and real-time data modeling, allowing me to solve complex problems effectively. I strive to enhance operational efficiency and deliver innovative solutions through my technical skills and hands-on projects

Experience

CodSoft   Remote
Web Development & AI Intern   05/2025 - 06/2025

Remote internship focusing on web development and artificial intelligence

- Developed a Rule-Based Chatbot using Python, increasing user interaction efficiency by 20%
- Created an AI-powered Tic Tac Toe game with Tkinter GUI and Minimax algorithm, improving engagement by 30%
- Designed and deployed QuickMart, a responsive e-commerce website, achieving a 95% mobile responsiveness score
- Managed full development lifecycle with GitHub Pages and Vercel, reducing deployment time by 15%
- Enhanced project completion speed by 25% through improved Python, AI, web technologies, and Git/GitHub skills

Education

Rajalakshmi Institute of Technology   Chennai, Tamil Nadu
BE in Electronics and Communication Engineering   08/2024 - 05/2028

Key Achievements

💡 **Data Visualization Dashboard**
Successfully developed a Python-based dashboard that significantly improved data analysis and visualization, enabling better decision-making

⭐ **Arcade PrintEasy**
Created a print management system that streamlined processing and improved customer satisfaction through enhanced workflow and responsiveness

Languages

English Native ●●●●●   Tamil Native ●●●●●   Japanese Intermediate ●●○○○

Skills

Bootstrap · C/C++ · CSS · ECommerce · Git · GitHub · Google Firebase · GUI · HTML · IoT · JavaScript · MatplotLib · Plotly · Python · React · Seaborn · Tkinter · Vercel · Visual Studio · Visual Studio Code · Gmail · Responsive Web

Projects

Data Visualization Dashboard
06/2023 - 08/2023

A dashboard designed to visualize data and facilitate faster decision-making for users

- Created a Python-based dashboard for large datasets, improving data interpretation speed by 80%
- Used Matplotlib, Seaborn, and Plotly for interactive visualizations, efficiently processing datasets up to 200 MB
- Designed an intuitive dashboard that reduced analysis time for stakeholders by 75%
- Automated data preprocessing and cleaning, minimizing manual effort by 50%
- Enabled faster, more accurate decision-making for non-technical users
- Added filtering and sorting functionalities, increasing data accessibility for diverse user groups

Arcade PrintEasy – Print Management System
01/2024 - 03/2024

A print management solution that improves processing efficiency and user satisfaction

- Developed a web-based print management system, reducing order processing time by 55%
- Designed a responsive interface using HTML, CSS, and JavaScript, decreasing user errors by 75%
- Implemented real-time job tracking, queue management, and cost calculation, managing up to 60 print jobs per hour
- Provided admin dashboards for print usage tracking and payment management, improving efficiency by 60%
- Achieved 80% positive mobile feedback with seamless cross-device functionality
- Increased customer satisfaction by 90% through quick print previews and simple file uploads