

A. MOHAMED SHAMEER

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SUMMARY/OBJECTIVE

Highly motivated **Electronics and Communication Engineering** student with a strong passion for **IoT, AI, and ML**. Skilled in developing **responsive web applications** and **real-time data models** with a proven ability to solve complex problems efficiently and enhance operational effectiveness.

EDUCATION

Rajalakshmi Institute of Technology, Chennai, Tamil Nadu

BE in Electronics and Communication Engineering

CGPA: 8.5

Expected Graduation: May 2028

SKILLS

- **Web Development:** HTML, CSS, JavaScript, React, Bootstrap
- **Programming Languages:** Python, C++, C
- **Data Analytics:** Data Visualization, Data Cleaning, Matplotlib, Seaborn, Plotly
- **AI/ML:** Rule-Based Chatbot, Minimax Algorithm
- **Tools & Platforms:** Visual Studio Code, GitHub, Firebase, Cursor, Tkinter, GitHub Pages, Vercel

EXPERIENCE

Web Development & AI Intern

CodSoft – Remote

May 2025 – June 2025

- 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.

PROJECTS

Data Visualization Dashboard

- 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

- 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.

CERTIFICATIONS

- MSME Workshop – IIT Madras & Walmart (October 2024)
- Hands-on IoT Workshop – Rajalakshmi Institute of Technology

LANGUAGES

- English
- Tamil
- Japanese (in progress)