Shalini A

Location: Gingee, Tamil Nadu, India

LinkedIn   Email:shalinigiri0308@gmail.com / Mobile: 8072621932

EDUCATION

Bachelor's Degree **(Electronics and Communication Engineering)- TPGIT** **CGPA: 8.83**	**Vellore, Tamil Nadu** **July 2020 - May2024**
XII, Saradha Matric Hr Sec School **Percentage:79.5**	**Gingee, Tamil Nadu** **May 2020**
X, Saradha Matric Hr Sec School **Percentage:90**	**Gingee, Tamil Nadu** **June 2018**

PROJECTS

Design and Development of IOE Enabled Smart Tyre Pressure Gauge System- Final semester Project

Description: Engineered an IoE-enabled Tire Pressure Monitoring System (TPMS) that enhanced vehicle safety and fuel efficiency. Leveraged **professional knowledge** in both front-end and back-end development to create a full-stack solution with real-time pressure monitoring using **ESP32 microcontrollers** and industrial-grade sensors. Developed a **Flutter** mobile application interface, implementing **RESTful APIs** to facilitate seamless communication between hardware components and the app. The project required strong **problem-solving** skills to overcome integration challenges and ensure system reliability through extensive testing. Worked collaboratively with the team, applying effective **communication** and **negotiation** techniques to achieve project milestones, aligning with industry standards for IoT and mobile app development.

Task Management System- Mini Project

Description: Developed a Task Management System to improve task assignment and tracking, applying **basic programming skills** in **HTML, CSS, and JavaScript** for the responsive front-end, and **Python** for the back-end. Implemented essential features such as **user authentication**, task prioritization, and **RESTful API** integration for efficient data management. Utilized **MySQL** for secure database operations, ensuring robust data handling. The project involved identifying and solving job-related problems, enhancing **problem-solving** capabilities, and contributing to **team objectives** in an **Agile environment**. Demonstrated the ability to quickly absorb **professional knowledge** and effectively collaborate with team members, ensuring the project met user needs and productivity goals.

INTERNSHIP EXPERIENCE

QA TESTER | RoboLabs India,
SEPTEMBER 2023 – FEBUARY 2024
Project Experience
Ayini – Manually testing the new Android application - Link

- Designed test plans and scripts for the app, enhancing test coverage and efficiency through Functional Test Planning, Automation Testing using Agile, and SQL-based data validation.

- Implemented a new bug tracking system using Google Sheets, improving defect traceability, collaboration, and integrating SQL queries for efficient bug identification

- Successfully identified, documented, and resolved over 50+ bugs in the application, consistently meeting deadlines.

CERTIFICATION

- Fundamentals of digital marketing - Google

- Cybersecurity – Infosys

- Python Essential

- Chatgpt for Everyone – Guvi

TECHNICAL SKILLS

Programming Languages	Python, Dart, JavaScript
Front End	Flutter, HTML, CSS
Back End	Python, Node.js
Framework	React, Flask
UI/UX	Figma
Database	MySQL
Version control tools	GitHub
Integrated Development Environment	VS code, PyCharm, Arduino.
Project Management	Azure Devops
AI Tools	ChatGPT, Bard.
Testing tools	Postman, Agile, Scrum

NON-TECHNICAL SKILL

Leadership | Project Team Lead

- I had the experience of leading my team for our final semester project and delivering a high-quality result on time

ACHIEVEMENTS

- **Basketball -Bronze Medal & Certificate of Merit -** *Won Third prize in Bharathiyar Day/ Republic Day games & Sports. (Divisional level).*

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Gingee

Date: SHALINI A