

Yamini Settipalli

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Experience

Amazon | View Certificate

Chennai, India

Software Development Engineer in Test Intern

July 2024 - Aug 2024

- **Automated floor plan generation** on Android devices in both real and simulated environments, **increasing deployment** speed by **30%** and reducing manual workload.
- Conducted **UI automation** using the **Appium framework**.
- Created **Python based scripts** leveraging Pytest and CLI tools (Linux, ADB, Brazil), **optimizing testing processes by 20%**.

Salesforce | View Certificate

Remote

Salesforce Developer Virtual Intern

Nov 2023 - Dec 2023

- Automated repetitive processes using Apex and Lightning Web Components (LWC), **improving system efficiency** by 20% and minimizing manual interventions.
- Authored smooth API connections resulting in streamlined data flow processes, directly contributed to resolving critical issues identified as major bottlenecks within existing workflows and **reduced lag time** by an average of **five seconds per transaction**.

Education

9.43/10	BTech in Computer Engineering , Velagapudi Ramakrishna Siddhartha Engineering College, Andhra Pradesh, India	2022 - 2026
970/1000	XII (HSC) , SR Junior College, Andhra Pradesh, India	2020-2022
588/600	X (SSC) , Adarsha Vidyanikethan, Andhra Pradesh, India	2020

Skills

Programming Languages	Python, C, Java
Web Development	Html, CSS, Javascript, Node js, Angular, JSP, Servlets, Spring Boot
Databases and CLI	MySQL (Relational), MongoDB (Non-Relational), Brazil CLI, Linux CLI, ADB CLI
CS Fundamentals	Data Structures and Algorithms, Operating Systems, Database Management Systems, Computer Networks, Object-Oriented Programming

Projects

Registration Form | GitHub Link | Frontend Link

- Created a registration form with **validation**, **session management**, and **local storage** to persist user data, and designed a dynamic table to display user entries.
- **Technologies used:** HTML, CSS, JavaScript, NodeJS

Weather Application | GitHub Link | Frontend Link

- Designed and implemented a **MERN stack weather application** that tracks and presents real time weather data, achieving a **user satisfaction rating of 95%** based on app feedback collected from 100+ users within the first month.
- **Technologies used:** React.js, Node.js, Express.js, OpenWeatherMap API

Facial Emotion Recognition | GitHub Link | Demo Link

- Developed a facial emotion detection system using a **pre trained Keras model** with **95% accuracy**. This project accurately identifies emotions **such as happiness, sadness, anger, and surprise** from facial expressions in images and built a **full stack application** using **Flask** for the **backend** and HTML/CSS for the frontend.
- **Technologies used:** Python, Keras, OpenCV, Tensorflow, Flask, HTML, CSS

Spam Mail Detection | GitHub Link | Demo link | Deployed link

- Improved a **spam mail detection system** using **Logistic Regression**, achieving a **98% accuracy** the model effectively distinguishes between **spam** and **ham emails**, defined a user friendly **web interface** using **Flask**.
- **Technologies used:** Python, Logistic Regression, TF-IDF Vectorization, Flask, HTML, CSS

Certifications and Achievements

Linux Essentials - Cisco | Certificate

Programming Essentials in Python - Cisco | Certificate

CCNA: Introduction to Networks - Cisco | Certificate

Foundations Of R Software - NPTEL | Certificate

Ethical Hacking - NPTEL | Certificate

Neural Networks and Deep Learning - Coursera | Certificate

Introduction to Data Science with Python - edX | Certificate

Coding Links

LeetCode	Yamini-Leetcode
CodeChef	Yamini-CodeChef
HackerRank	Yamini-HackerRank
GeeksforGeeks	Yamini-GeeksforGeeks