

Namrah Juweria Sayed

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Work Experience

Associate Software Development Engineer in Test (SDET), Infuse

Aug 2025 - Present

- Worked on developing and executing automated test cases.
- Carried out analysis of executed testcases to lookout for failures to ensure product quality.
- Explored tools like Selenium, Playwright, Postman and Jenkins for test automation, API validation and CI/CD.
- Strengthened understanding of Agile methodologies, Scrum practices.

Intern, Freethink

Jul 2024 - Aug 2024

- Worked on Bug Mine, a responsive bug reporting application using Vue.js and Quasar, featuring bug reporting, assignment, deadline management, and filtering.
- Collaborated in a team to build FlowTrack Analytics, a dynamic IoT data analytics dashboard. Worked with Vue.js, Quasar, Pinia, and D3.js.

Projects

Ecommerce store - Crafts_planetaria Store

-React, Node, Express, MongoDB, Redis, JWT, Cloudinary, Stripe

Designed and developed a feature-rich e-commerce website using the MERN stack (MongoDB, Express.js, React.js, Node.js) with REST APIs for seamless client-server communication. Implemented user authentication and authorization using JWT, ensuring secure role-based access. Integrated Redis caching for performance optimization and Cloudinary for efficient media management. Integrated the Stripe payment gateway for secure and smooth online transactions.

SISF-RTMS: Solar-Powered IoT-Based Smart Farming with Real-Time Monitoring System

/React Native, Firebase, Hardware Components, AI

An IoT-based smart farming system integrating Arduino UNO, ESP32, soil sensors, and a solar-powered setup to monitor soil conditions. Provides data visualization and real-time monitoring through a React Native mobile application. Implemented a recommendation system for suggesting suitable crops based on sensor data using Catboost model. Implemented LoRaWAN communication for data transmission and wireless communication, Firebase for seamless data transmission and storage.

Hotel Management System

-Java (Swing, JDBC), MySQL

The system includes Admin and Receptionist logins, where admins can add employees, drivers, and rooms, while receptionists handle check-ins, check-outs, and update customer details and room statuses. The reception panel also displays customer, manager, and driver details along with availability of rooms in a tabular format.

Educational Background

BE in Computer Science Engineering

Goa University - Padre Conceicao College of Engineering

2021 - 2025

- **CGPA: 9.28**

Skills

- **LANGUAGES:** C, C++, HTML, CSS, Javascript, SQL, Java, Python
- **LIBRARIES & FRAMEWORKS:** React.js, MongoDB, React Native, Node.js, Vue.js, Quasar
- **CLOUD & DEVOPS:** AWS (EC2, S3, Lambda), Docker, Git, CI/CD
- **SOFT SKILLS:** Leadership, Teamwork, Communication, Problem solving, Creative Thinking

Certification

- ISTQB Certified Tester Foundation Level (CTFL) v4.0
- Programming in JAVA - NPTEL

Achievements

- Received Exceptional Achievements award for representing my college in various technical events.
- Selected among the Top 10 teams out of 97 participants to present our project in the All Goa Innovation Challenge, organized by the Government of Goa.
- Secured 1st place in project competition and 2nd place in the IDEAS Innovation Challenge organized by PCCE, Verna
- Secured third place in a hackathon organized by AITD, Goa in collaboration with SJ Innovation.