

# Anusha Antony

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London  
07482441665  
anushaca1995@outlook.com

## Portfolio

<https://anushaca1995.github.io/ReactPortfolio/>

## Summary

Seasoned Software Developer and QA Tester with nearly three years of experience in developing and testing scalable, high-performance applications for iOS, Android, and web platforms. Proficient in React Native, ReactJS, JavaScript, Redux, Node.js, and Java/Spring Boot, with a strong background in manual and automated testing using Selenium, Cucumber, Postman, and MySQL. Experienced in CI/CD pipelines, mobile security best practices, API testing, and performance optimization. Passionate about ensuring seamless user experiences through both robust development and rigorous quality assurance.

## Experience

Information Tech Consultants

April 2023 to February 2024

### React Native Developer

London, UK

- Developed a Passport/ID scanning feature using React Native and Typescript, ensuring accurate document capture, and mentoring junior team members.
- Led the implementation of a two-step verification system with OTP integration, significantly enhancing app security.
- Coordinated day-to-day development and bug-fixing activities, and provided guidance in UX strategy, implementations and reviews.
- Implemented effective unit testing practices to ensure code design and reliability. Conducted thorough testing with tools such as Jest, React Testing Library, Istanbul, and Detox to improve the quality of software.

### Key Achievements:

- Utilized Redux Toolkit for efficient state management, resulting in a 20% improvement in app performance.
- Explored Blockchain technologies to enhance app security and data integrity, leading to a 15% improvement in transaction processing speed.

4W Technologies Ltd.

July 2018 to August 2020

### Software Engineer

Chennai, India

### Serenity

- Developed a dynamic checklist popup on the packing screen using ReactJS, enhancing compliance and efficiency in packing procedures for medical instruments based on their categories.
- Designed the 'CheckListPackAudit' table using JavaScript for streamlined management of checklist details, improving traceability and accountability in packing processes.
- Improved leak test checklist functionality by incorporating mandatory steps, tracking start/end times, and implementing pass/fail assessments with TypeScript, contributing to increased safety in healthcare delivery.
- Integrated Jarit instrument images into the system using ReactJS, enhancing user experience and facilitating better management of medical instruments across multiple hospital facilities.
- Developed a barcode generation feature for efficient tracking of medical kits, utilizing JavaScript to streamline inventory management and reduce errors.

### Key Achievements:

- Enhanced Compliance: Successfully implemented the checklist popup functionality that ensured all

mandatory packing steps were completed, resulting in a 30% reduction in compliance-related errors during the packing process.

- Improved User Experience: Streamlined the user interface by integrating visual elements, leading to a 25% increase in user satisfaction and efficiency in managing medical instruments across hospital facilities.

### **SX3**

- Worked on SpaceSense SX3 for real-time tracking of assets and patients within healthcare facilities, ensuring efficient management and safety.
- Implemented email template features to automate communication for multiple recipients, enhancing notification processes.
- Managed Android and iOS app development for the SpaceSense SX3 project, adding new features and addressing errors to enhance user experience.
- Developed a robust Error list table to log issues, enhancing troubleshooting and user experience in the system.
- Regularly updated the application, including features like USB reset to handle API call failures and device name management for efficient operation.

#### **Key Achievements:**

- Successfully reduced compliance-related errors by implementing a structured email template system, resulting in a 30% increase in efficiency.
- Improved data collection processes and reduced system downtime by integrating robust error-handling mechanisms in the gateway app.

## **Internship**

### **Software Testing Intern**

**GIC Company | August 12, 2024 – February 18, 2025**

- Conducted manual and automated testing on the existing Invoice Manager web application, ensuring seamless functionality and a smooth user experience.
- Designed and executed test cases for key features such as invoice creation, tracking, and payment processing, ensuring compliance with functional requirements.
- Automated key test scenarios using Java, Selenium, Cucumber, and Gherkin, improving test efficiency for invoice generation, authentication, and reporting.
- Performed API testing using Postman, validating data flow and integration between the front-end and back-end for invoice synchronization and payment transactions.
- Used MySQL to verify backend data integrity, ensuring invoice details, transactions, and records were accurate.
- Collaborated in an Agile environment, using JIRA for test case management, defect tracking, and sprint planning, ensuring timely delivery of high-quality features.

#### **Key Achievements:**

- Increased test coverage to 80%, ensuring robust validation of invoice processing, payments, and reporting features.
- Identified and reported critical bugs, leading to timely fixes and minimizing production issues.
- Provided detailed test completion reports at the end of each sprint, highlighting test coverage, defects, and quality improvements.

## **Personal Projects**

### **Weather Mobile App**

*React Native Application with Weather Forecast Features*

- Implemented geolocation-based weather tracking and location search with persistent history using AsyncStorage.
- Added real-time weather updates and a 5-day forecast display with error handling and performance optimizations.

### **Purple Star**

*React Native App with Secure Authentication and Cloud Integration*

- Developed secure authentication with Firestore, managed state with Redux and implemented

features for managing favourite locations and car images.

- Ensured data persistence with AsyncStorage, optimized performance, and secured credentials with SSL pinning and React Native Keychain.

### **EPC Rate**

*EPC Rate Website with Admin and User Functionality (ReactJS, HTML5/CSS3, Java Spring Boot, MySQL)*

- Created a website with features for appointment booking, user login/signup, and admin management.
- Admin panel includes user list and notifications with status management, while users can book appointments through an integrated calendar.
- Developed APIs for Create, Read, Update, and Delete (CRUD) operations in an EPC application.
- Managed service data through well-structured endpoints integrated with MySQL for secure and efficient operations.

### **Skills**

- *Programming Languages* : HTML, CSS, JavaScript (ES5, ES6+), TypeScript, Java, PHP
- *Frameworks & Libraries* : React Native, React.js, and Node.js
- *State Management* : Redux
- *Testing* : Jest, React Testing Library, Selenium, Cucumber, Gherkin
- *APIs & Data* : REST, GraphQL, API Testing (Postman)
- *Cloud Services* : Azure, DevOps
- *Databases* : MySQL, MongoDB
- *Development & Collaboration Tools* : GitHub, JIRA, CI/CD Pipelines

### **Education**

**University Of Calicut**

2017

**Bachelor Of Technology: Electronics and Communication**  
India

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