CONTACT

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Email Address
ganeshan.shakthi@gmail.com

Address
Chennai

SKILLS

- Java
- Python
- SQL (MySQL)
- JavaScript
- HTML/CSS
- JSON
- Flutter
- Selenium
- TestNG
- JUnit
- Appium
- BDD Cucumber
- JMeter
- Rest Assured
- OOPS
- Agile Methodology
- Regression Testing
- API Testing
- STLC
- SDLC

TOOLS

- Selenium
- Postman
- Maven
- Jira
- GitHub
- Bit Bucket

LANGUAGES

- English
- Tamil

SHAKTHI GANESHAN J

SOFTWARE ASSOCIATE QA ENGINEER

https://www.linkedin.com/in/shakthi-ganeshan/

https://github.com/Barry2211

PROFILE

Tech enthusiast with practical experience in mobile app development, automation, and UI performance optimization. Proficient in Flutter, Java, and Selenium, with a strong focus on building scalable, user-centric solutions. Skilled in designing and implementing modular architectures, and experienced in working within Agile teams to deliver high-quality, maintainable software. Adept at bridging functionality and design, ensuring seamless user experiences and robust back-end integration.

EDUCATION   2018 - 2022

BSA Crescent University
Bachelor of Technology Computer Science and Engineering

PROJECTS

In22Labs   DEC 2022 - MAR 2023

Project - I

Junior Mobile Application Developer   MAR 2023 - MAR 2024

- Developed and maintained mobile applications with a focus on performance optimization and efficient data management using Flutter and other modern frameworks.
- Analyzed and implemented performance improvements, resulting in a measurable reduction in app load time by 20%.
- Refactored legacy codebases by replacing deprecated packages and aligning code structure with updated industry standards.
- Enhanced application stability through rigorous testing and improved error handling, leading to a 10% decrease in crash rates.
- Collaborated with cross-functional teams in Agile environments to deliver scalable, user-centric mobile solutions with a smooth and responsive UI.

Project - II
Android Application Developer   DEC 2022 - FEB 2023

- Optimized application performance by rewriting deprecated code and enhancing internal protocols to meet current development standards.

- Conducted thorough manual testing on pre-release applications to identify and resolve critical bugs before deployment.
- Maintained and improved legacy systems, ensuring compatibility and stability across various platforms and devices.
- Collaborated with QA and development teams to ensure smooth integration and functionality of updated features.
- Implemented proactive debugging strategies to minimize runtime errors and improve overall application reliability.

Project - III

Greater Chennai Corporation School Attendance
DEC 2023 - MAR 2024

- Designed and Developed Role-Based UI using Flutter for students, teachers, and headmasters, ensuring clear and intuitive navigation across user roles.
- Integrated Secure Backend APIs with Java to enable real-time synchronization of attendance data with centralized servers.
- Built Attendance Features including "Today's Status," "My Attendance," and dashboard summaries, supporting Present, Absent, Late, and Excused statuses.
- Implemented Scalable Architecture with modular structures for multi-school deployments, ensuring maintainability and ease of expansion.
- Conducted Functional Testing across all user roles and collaborated with stakeholders to meet administrative and data reporting needs securely and efficiently.

Project - IV

BloodBank
MAR 2023 - NOV 2023

- Developed Cross-Platform UI using Flutter, ensuring responsive and scalable design for both Android and iOS users.
- Implemented Geolocation-Based Matching and real-time filtering to connect donors with recipients efficiently during emergencies.
- Integrated Secure Communication Features such as WhatsApp and direct calling, enabling instant contact between users.
- Designed and Built Modular Components for donor registration, search functionality, availability scheduling, and digital certificate generation.
- Ensured App Security and Performance by applying token-based authentication, handling asynchronous data flows, and optimizing real-time updates with offline fallback support.

SOFT SKILLS

- Logical Thinking
- Problem Solving
- Effective Communication
- Creativity

ACHIEVEMENTS

Rotaract Club of Crescent University

Associate Director of Community Service Division