

HARI PRASATH MUTHURATHINAM

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SUMMARY:

- I am an accomplished **Android Application Developer** with **3+ years** of experience developing applications across various domains (Android Studio-Java). I have worked in startup and corporate environments, contributing to multiple successful projects.
- Handled front-end and back-end development in Android Studio and successfully deployed applications on the Play Store. Integrated APIs were developed with **Spring Boot and SQL-managed databases**.
- Completed projects on **ETL testing**, applying various SQL commands and gaining experience with software quality and testing tools.

TECHNICAL SKILLS:

Programming : SQL, Java, JavaScript, HTML, C, C++, C#, Node.js, Express.js, Python, MongoDB, Springboot

Tools : ETL Testing, Android Studio, XCode, Visual Studio, GIT, JIRA, Apache JMeter, MantisBT, Postman

WORK EXPERIENCE:

Mobitech Wireless Solutions, Tamil Nadu, India

June 2019 - April 2021

Android and IOS Developer

- Cross-Platform App Development: Developed and maintained three Android and iOS applications using **Android Studio, XCode, Java, XML, and Swift**, each achieving **over 10,000 downloads**.
- MQTT Protocol Integration: Implemented **MQTT protocol** across projects to enable seamless communication and control functionalities, including motor and drip irrigation systems.
- Backend and Database Management: Managed backend services, including **JSON parsing and SQL database** management, ensuring efficient data storage and retrieval.
- Advanced Functionalities: Integrated advanced features such as timer functionality, **AWS-based notifications, and Google Map API** for real-time data tracking and field surveys.
- API and Third-Party Services: Utilized **Volley Library for API calls** and integrated Google Maps for field survey applications, enhancing the user experience and application utility.
- Deployment and Maintenance: Deployed applications to Google Play Store and Apple App Store, handling updates, bug fixes, and continuous performance enhancements.

Mindnerves Technologies Pvt. Ltd., Pune, India

July 2021- December 2022

Software Developer

- Application Development: Developed **Android applications and APIs** for various projects, including **mall navigation systems, HR payroll apps, and data collection tools** for industries such as retail and poultry farming.
- API Development and Integration: Designed and integrated APIs using **Spring Boot** across 4 projects, ensuring seamless communication between the frontend and backend systems.
- Android TV App Design: Created custom **Android TV** applications, optimizing user interfaces for larger screens, including features for shop discovery and offer browsing in malls.
- Database Management: Utilized **SQLite for local storage and database management**, ensuring efficient data handling within applications across various projects.
- API Testing and Debugging: Used **Postman and Dbeaver for testing APIs** and validating their integration, ensuring high-performance and accurate data exchange.
- JSON Parsing and Volley Library: Implemented **JSON parsing** and utilized the **Volley Library** for efficient API calls, optimizing the performance of Android applications.

EDUCATION:

Software Quality and Test Engineering

May 2024 - Present

Conestoga College, Waterloo, ON (Expected graduation – Dec 2024)

Computer Application Development

May 2023 – Dec 2023

Conestoga College, Waterloo, ON

Bachelor of Technology (Information Technology)

April 2016 –Dec 2020

Kongu Engineering College, Tamil Nadu, India