

ALLEN THOMSON

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GitHub ◊ LinkedIn ◊ Leetcode ◊ Portfolio

PROFILE

Software Developer with two years of experience in managing the development of mobile applications on native and cross-platform platforms (Android, Flutter, React Native, Cordova). Experienced in high-performance mobile application design and implementation using modern methodologies. Has a high learning capacity for intricate processes and technical creative flexibility in developing business requirements into new innovative software applications.

WORK EXPERIENCE

Netcore Cloud
Software Engineer

Sep 2024 - Present
Bengaluru, India

- Android Development - Maintained and written solutions in Android and other frameworks: Flutter, ReactNative, Cordova.
- Automated mobile SDK integrations by building a self-serve tool that enables clients to integrate the SDK into their applications without manual assistance. This reduced the onboarding cycle by 15 days.
- Applications designed for the internal support team to debug tickets faster without needing to write lengthy queries to fetch data.
- Built internal tool in React and Flask to automate the integration process, reducing cycle duration by 30%.
- Collaborating with cross-functional teams to deliver high-quality products.
- Optimizing existing codebases and debugging complex technical issues.
- Git, Android SDK, Flask

WebEngage
Technical Account Manager

Sep 2023 - Sep 2024
Bengaluru, India

- Managed and optimized technical relationships with high-value clients.
- Delivered customized solutions to enhance client engagement and resolve technical challenges.
- Collaborated with internal teams to ensure seamless integration and client satisfaction.
- Provided strategic technical guidance to clients, enabling effective use of WebEngage products.

WebEngage
Product Support Engineer

Dec 2022 - Sep 2023
Bengaluru, India

- Developed a plugin SDK for Flutter WebApplications, built using recursion.
- Gave TAM Support to top clients.
- Wrote Nunjucks solution independent of the development team.
- Diagnosed and resolved integration issues related to the SDK in client Web and Android Applications.
- Conducted live bug-fixing sessions addressing issues in Native, React-Native, Flutter, and other hybrid integrations.
- Documented processes and facilitated onboarding of SMS service providers.

RESEARCH

A Cost-Effective NFC-Based Tap-and-Pay Payment System
IEEE ICWITE 2025

Sep 2025
Bengaluru, India

- Paper accepted for oral presentation at IEEE International Conference for Women in Innovation, Technology & Entrepreneurship (ICWITE 2025).
- Submission ID: 741, Status: Accepted

SKILLS

Spring Boot, Native Android Development (Java, Kotlin), Flutter, React Native, SQL (MySQL, Postgres), NoSQL - MongoDB, Kafka, Data Structures, Node.js, Git

PROJECTS

Music Player App (Sonno) - React Native -Github -Download

- Developed a music player mobile application with a sleep timer feature that allows users to set a timer or end time for music to automatically stop.
- Technologies: React Native, Expo

Attendance Tracking Mobile Application - Composable -Github

- Created an attendance tracking application that generates QR for users saved in the students DB, real time attendance records fetching from backend.
- Technologies: Mobile Application - Jetpack Composable, backend - Springboot kotlin

Corpcon Backend Application - GCP

- Written and maintained the backend for Corpcon WebApplication.
- Technologies: Kafka for event synchronization, Git, Docker, Kotlin, Spring Boot

Food Delivery App - Flutter -Github

- Delivery app built on Flutter Framework.
- Firebase SDK - Firebase Auth SDK (User Authentication), Firestore SDK (Backend and DB).
- Design: MVVM Architecture.

Automatic Billing Machine - IoT -Github

- An unorthodox billing machine that uses image recognition techniques to bill items with an ML algorithm.
- Hardware: Raspberry Pi 3b+, Load Cell 5Kg, HX711-Load Cell amplifier, Webcam.
- Programming Language: Python, Checkout UI: React, ML Model: Edge Impulse (OpenS).

ACHIEVEMENTS

Always @ 101 Award 2023 *WebEngage*

- Recognized for exceptional performance and dedication in delivering outstanding results consistently.

Star Performer Award 2025 *Netcore*

- Awarded for exceptional contributions and outstanding performance in software development and client solutions.

EDUCATION

Christ (Deemed to be) University Jun 2023 - Jun 2025 *M.Sc Computer Science and Applications* *Bengaluru, India*

- Key Focus: Data Structures, System Design, Artificial Intelligence, Spring Boot, Android Development

Christ (Deemed to be) University Jun 2019 - Jun 2022 *B.Sc in Physics, Mathematics, and Electronics* *Bengaluru, India*