

AMAL C P

ANDROID DEVELOPER | WEB DEVELOPER | AI & DATA SCIENCE

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PROFESSIONAL SUMMARY

Full stack Web and Mobile Developer with around 2+ years of experience in enterprise applications, delivering end to end solutions across Android and modern JavaScript frameworks. Engineered a shared Jetpack Compose UI component library that shrank deployment time from 24 hours to under 10 minutes for 5+ apps, delivering a 99% efficiency gain. Later architected real time device intelligence platforms using Python and React, cutting delivery cycles by 30% and boosting system responsiveness by 40% while collaborating closely with UI/UX designers on API integration.

WORK EXPERIENCE

Software Developer | Foodo AI | India 03/2026 – Present

- Designed and implemented scalable real time systems using Python, Django, and React.js, collaborating with UI/UX designers to ensure seamless API integration and debugging.
- Led the development of AI driven features using Node.js and Python, integrating APIs and collaborating with designers to reduce delivery cycles by 30% through efficient debugging and problem solving.
- Optimised data pipelines and implemented CI/CD workflows, improving AI-driven system responsiveness by ~40%.

Associate Software Developer | SOTI India Pvt Ltd | India 08/2024 – 03/2026

- Developed and deployed Android applications using Kotlin, Jetpack Compose, and Android Jetpack, integrating with back end systems built using PHP and Python, and ensuring seamless collaboration with designers.
- Architected a shared Jetpack Compose UI component library across 5+ apps – slashing deployment time from 24 hrs to under 10 min (99% improvement).
- Implemented indoor Wi-Fi triangulation and GPS-based Find My Device tracking with unit-tested, production-grade Android services.
- Delivered Smart Battery analytics app with real-time device health monitoring via Scrum-based delivery and code review processes.

Front-End Developer Intern | AproIT Solutions Pvt Ltd | India 02/2024 – 06/2024

- Redesigned the corporate website and mobile app using HTML, CSS, and JavaScript, resulting in a 30% increase in user engagement, and collaborated with designers to ensure a seamless user experience.
- Applied data-driven insights to reduce project turnaround by 20% and cut operational errors by 25%.

Technical Skills

Android: Kotlin, Java, Jetpack Compose, Android Jetpack, Android SDK, MVVM, Room DB, Coroutines, LiveData, Retrofit, Hilt, Unit Testing

Web Front-End: React.js, Next.js, TypeScript, JavaScript, HTML5, CSS3, Vite.js, Tailwind CSS, Figma, React, Angular, Vue.js, HTML, CSS

Web Back-End: Django, Python, REST APIs, Node.js, Firebase, Supabase, PostgreSQL, MySQL

AI / Data: Machine Learning, Pandas, NumPy, Scikit-learn, Feature Engineering, Data Analysis

Dev Practices: Agile, Scrum, CI/CD, Git, Code Review, GitHub, Android Studio, VS Code, Figma, Postman

Projects

Opengrad Foundation — NGO education platform · React TS, Supabase · opengrad.in

Urban Trash — Smart waste management app · React, Django, PostgreSQL · urbantrash.in

Education

B.Tech – Computer Science and Engineering 2020 – 2024 | CGPA: 8.23
Christ College of Engineering | APJ Abdul Kalam Technological University

Certifications & Training

Artificial Intelligence (AI) for Management - NPTEL(2026)
Android Development with Kotlin – Google / Udacity (2023)
The Complete React Developer Course – Udemy (2023)
Machine Learning Fundamentals – Coursera / Stanford Online (2024)

Achievements & Leadership

Runner-Up – Top 100 Coders Challenge 2024 (KSUM & GTech MuLearn).
Winner – RIBC Rural Agritech Hackathon 2022; +25% crop yield, -15% labour cost.
Organisation Lead – BeachHack 5, CODE Designathon 2023 & 2024 | Secretary – Computer Society of India, CCE Chapter.