

AMAL C P

Software Engineer | Android Developer | Full Stack Developer | AI Engineer

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PROFESSIONAL SUMMARY

Results-driven Software Engineer with 2+ years of experience building enterprise Android, Full Stack, and AI-driven applications. Proven track record in the UAE/GCC tech ecosystem delivering end-to-end solutions across mobile, web, and cloud platforms. Engineered a shared Jetpack Compose UI library cutting deployment time by 99% (24 hrs → <10 min) across 10+ enterprise apps. Architected real-time AI platforms using Python, Django, and React, reducing delivery cycles by 30% and boosting system responsiveness by 40%. Experienced with Agile/Scrum, CI/CD, RESTful APIs, microservices, and cloud platforms — seeking to deliver high-impact engineering solutions for UAE-based technology organisations.

WORK EXPERIENCE

Software Developer | Foodo AI | United Kingdom(Remote) | *Feb 2026 – Present*

- Engineered scalable real time systems using Python, Django, and Jetpack Compose within microservices architecture, 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 RESTful APIs and collaborating with designers to reduce delivery cycles by 30% through efficient debugging and problem solving.
- Optimised data pipelines and implemented CI/CD pipelines, improving AI-driven system responsiveness by ~40%.

Associate Software Developer | SOTI India Pvt Ltd | India | *Aug 2024 – Feb 2026*

- Developed enterprise Android applications using Kotlin, Java, Jetpack Compose, MVVM Architecture, Coroutines, Hilt Dependency Injection, Room Database, and REST API integration while following Agile and Scrum methodologies.
- Architected and maintained a reusable Jetpack Compose UI Component Library used across 10+ enterprise applications, reducing deployment effort by 99% and improving development scalability.
- Designed location intelligence services using Wi-Fi triangulation, GPS tracking, Android foreground services, and background processing, enabling production-grade device monitoring solutions.
- Delivered Smart Battery analytics app with real-time device health monitoring via Scrum-based delivery and code review processes.

TECHNICAL SKILLS

- **Android:** Kotlin, Java, Jetpack Compose, SDK, MVVM, Room DB, Coroutines, LiveData, Retrofit, Hilt, Unit Testing
- **Front-End:** React.js, Next.js, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, Vite.js, Angular, Vue.js
- **Back-End:** Django, Python, Node.js, RESTful APIs, PostgreSQL, MySQL, Microservices, System Design
- **AI / Data:** Machine Learning, Pandas, NumPy, Scikit-learn, Feature Engineering, Data Analysis, LLM Integration
- **Cloud & DevOps:** Firebase, Supabase, CI/CD (GitHub Actions), Git, Docker (familiar), Agile/Scrum, Postman
- **Tools:** Android Studio, VS Code, Figma, GitHub, Code Review

PROJECTS

- **AI Musheer Electromechanical Works LLC, UAE** — Freelance · React, Node.js, PostgreSQL · almusheeremc.com
- **Opengrad Foundation** — Developed a NGO education platform using React and 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

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