

KAVIYA VARATHARAJ

Senior Software Engineer | Senior Flutter Developer | Android | Dart | Java

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— EXPERIENCE —

Senior Software Engineer

Jun 2026 — Present

Elyon IoT Private Limited · Bengaluru, Karnataka

- Currently working as a Senior Software Engineer in mobile application development.

Senior Flutter Developer

Sep 2023 — May 2026

Nissi Software Systems · Bengaluru, Karnataka

- Developed and delivered production Flutter and Android applications across multiple business domains.
- Designed scalable mobile solutions with a focus on maintainability, performance and user experience.
- Integrated BLE, NFC, REST APIs and payment solutions for real-world mobile applications.
- Mentored developers, supported technical implementation and contributed to code reviews and development best practices.
- Collaborated with cross-functional teams to deliver client requirements and production releases.
- Investigated customer-reported issues, optimized application performance and delivered enhancements through releases.

Software Engineer

Aug 2020 — Aug 2023

Nissi Software Systems · Bengaluru, Karnataka

- Developed and maintained Android and Flutter applications based on client business requirements.
- Implemented mobile features, REST API integrations and device connectivity workflows.
- Worked on BLE, NFC and payment-related integrations and resolved production issues.
- Improved application performance through code optimization and efficient implementation.

Application Developer

Dec 2019 — Jun 2020

ISCISTECH BUSINESS SOLUTIONS SDN. BHD. · Chennai, Tamil Nadu

- Developed custom application solutions based on client requirements and business objectives.
- Participated in code reviews to improve quality and reduce deployment issues.
- Assisted with training junior developers and application development best practices.
- Designed and developed application scripts for test scenarios.

Project Intern

Dec 2018 — Mar 2019

Shiash Info Solutions Private Limited · Chennai, Tamil Nadu

- Gained practical industry exposure to application development and .NET technologies.

— PROJECTS —

Tubolito

NFC-based application for reading air-pressure data from TUBO-MTB PSENS sensors.

W3tag

NFC and IPFS-based solution for writing NFT metadata and tokenizing physical assets.

Cerebrocare Patient

Healthcare application integrated with an EMR for appointments, health records and patient portals.

PayPort

Digital payment solution supporting online and offline wallet transactions.

C-Box

Courier application with Bluetooth integration for parcel booking and tracking.

Etracksys QHSE & HSE

Incident reporting application supporting photo and video-based workplace issue reporting.

Interoneuro

Remote patient monitoring application for real-time health tracking.

Elite Money / Chapp Pay / Box Pay

NFC-based wallet and contactless payment applications.

PROJECTS · CONTINUED

LogistX

Delivery and booking applications with QR scanning, parcel tracking and Razor pay integration.

DigiAuth / Smart Vinyl

NTAG 424-based product authentication and product-linked music configuration solutions.

— SELECTED PROJECTS —

- Tubolito — NFC-based application for reading air-pressure data from TUBO-MTB PSENS sensors
- W3tag — NFC and IPFS-based solution for writing NFT metadata and tokenizing physical assets
- Cerebrocare Patient — Healthcare application integrated with an EMR for appointments, health records and patient portals
- PayPort — Digital payment solution supporting online and offline wallet transactions
- C-Box — Courier application with Bluetooth integration for parcel booking and tracking
- Etracksys QHSE & HSE — Incident reporting application supporting photo and video-based workplace issue reporting
- Interneuron — Remote patient monitoring application for real-time health tracking
- Elite Money / Charp Pay / Box Pay — NFC-based wallet and contactless payment applications
- LogistX — Delivery and booking applications with QR scanning, parcel tracking and Razor pay integration
- DigiAuth / Smart Vinyl — NTAG 424-based product authentication and product-linked music configuration solutions

— SUMMARY —

Senior Software Engineer with 6+ years of experience in Flutter, Android and Java mobile application development. Experienced in building production mobile applications and integrating BLE, NFC, REST APIs and payment solutions. Strong hands-on background in mobile application development, performance optimization, debugging, code reviews and mentoring, with project experience across healthcare, payments, logistics, retail and IoT-related domains.

— EDUCATION —

Master of Computer Applications (MCA)

2017 — 2019

Dr. Mahalingam College of Engineering and Technology, Pollachi · University Gold Medalist (PG) 2019

Bachelor of Computer Applications (BCA)

2014 — 2017

Sengunthar Arts and Science College, Tiruchengode · University Rank Holder

— SKILLS —

Dart Java Flutter Android SDK GetX Retrofit REST APIs Firebase Realm Database BLE NFC QR Code
Payment gateways Razorpay online/offline wallet transactions Performance optimization debugging code reviews
mentoring cross-functional collaboration

— CERTIFICATIONS —

- Flutter & Dart – The Complete Guide (Udemy), Sep 2023