Siân Kearley

Android & Full-Stack Software Engineer

Leeds • sian@siancodes.com • www.siancodes.com • GitHub: sian-codes • LinkedIn: /in/sian-kearley-32151986/

Professional Summary

Android-focused software engineer with experience delivering high-quality mobile and web applications at global scale across Kotlin (Jetpack Compose), React and React Native. Strong background in secure, high-reliability platforms, including payment flows and SDK-driven solutions, working closely with cross-functional teams across product, design and platform engineering.

I care deeply about clean architecture, accessibility, developer experience and collaborative engineering culture. I'm also passionate about knowledge-sharing — including speaking at UCL on Digital Skills in the Workplace — and hold the SAFe 5 Advanced Scrum Master (5.1) certification.

Open to Android Engineering, Mobile Engineering and Full-Stack roles across fintech, SaaS, product and platform-led teams — including global and Singapore-based opportunities.

Key Skills & Technologies

- Android / Mobile: Kotlin • Jetpack Compose • Android SDK • MVVM • Coroutines • Testing (Unit/UI)

- Frontend: React • React Native • JavaScript • TypeScript

- Backend & APIs: Java • Spring Boot • REST • Microservices • MongoDB • Cassandra

- Cloud & Delivery: CI/CD • Kubernetes • GitHub • Monitoring & Incident Response

- Practices: Clean Architecture • TDD • Agile & SAFe • Accessibility • UX Collaboration • Mentoring

- Domain Experience: Payments • SDK Development • Secure Transaction Flows • Merchant Solutions

- Keywords: Agile Delivery • Stakeholder Collaboration • Regional & Global Teams • High-Availability Systems • Platform Engineering • Product Engineering • Digital Payments • Mobile App Development • Cloud-Native Applications

---

Professional Experience

Full-Stack Software Engineer — Worldpay (2023–Present)

- Deliver features across Android and web-based payment and checkout experiences with focus on performance, accessibility, security and user experience.

- Contributed to the internal Web Components UI library, improving unit test coverage, accessibility compliance and component reusability.

- Supported the creation of a Frontend Community of Practice, improving shared standards, developer experience and cross-team collaboration.

- Work closely with product owners, designers, backend engineers and platform teams in an Agile delivery model.

- Contribute to CI/CD optimisation, helping streamline deployments and integration processes.

- Participate in incident response and root-cause analysis, supporting platform reliability and customer experience.
- Mentor junior engineers and contribute to peer code reviews and knowledge-sharing.
- Provide on-call production support to help resolve live issues effectively.

Graduate Software Engineer — Worldpay (2021–2023)

- Completed a structured graduate programme, developing core skills in mobile, frontend and backend engineering.
- Contributed to the delivery of SDKs, APIs and microservices used across payment platforms.
- Led a cross-region graduate team to create a Confluence onboarding hub used globally for new engineers.
- Organised team-wide engagement initiatives including the Tribe Quiz.
- Worked alongside senior engineers to deliver secure, scalable engineering solutions.

Technical Support Specialist — Roche Diabetes Care (Remote, 2017–2021)

- Provided support for medical devices and diabetes software to both patients and healthcare professionals.
- Troubleshot complex hardware/software issues in both home and hospital environments.
- Acted as a trusted technical contact, ensuring safe and confident product use.

Education

BSc (Hons) Computing & IT — Open University (2016–2020) — Grade: 2:1

Courses & Certifications

- SAFe 5 Advanced Scrum Master (5.1)
- Kubernetes for Beginners — O'Reilly (2024)
- iOS App Development: Test-Driven Development — LinkedIn Learning (2022)
- Effective Android Testing — LinkedIn Learning (2022)
- The Complete Web Development Bootcamp — Udemy (2021)

Talks

Speaker — "Digital Skills in the Workplace" — University College London (2024)

Personal Projects

PokéScan — Android App (Kotlin + Jetpack Compose)

- Building an Android app to scan, identify and catalogue Pokémon trading cards.
- Implementing camera and image-processing flows.
- Designed with clean architecture, scalability and testability in mind.
- Focus on accessible and intuitive UI.

Instagram UI Clone — React

- Re-created the Instagram UI as a frontend layout and component architecture exercise.

- Built reusable components and responsive layouts.

- Focused on maintainable, structured frontend code.

Languages

English (Native) • German (Basic)