

Kelvin Lartey

📍 London 📞 +44 7944 702 387 ✉ kelvinklartey@gmail.com 💼 Senior App Engineer 🔗 [linkedin.com/in/kelvin-lartey-851a6996](https://www.linkedin.com/in/kelvin-lartey-851a6996)

SUMMARY

Dynamic Senior App Engineer with extensive expertise in React and TypeScript, specializing in mobile development and crafting scalable Progressive Web Apps. Demonstrates profound knowledge in enhancing user experience and performance optimization using advanced technologies, inclusive of React Native and Expo. Exhibits a proven ability in seamless API integration and elevating accessibility standards, particularly within fintech and healthcare domains, ultimately yielding substantial operational improvements. Additionally, skilled in the implementation and management of CI/CD pipelines, fostering efficient workflows and ensuring high-quality deliverables.

EXPERIENCE

Senior Mobile Engineer | Frostbyte

01/2021 to 12/2022

- Spearheaded the development of Frostbyte's mobile app utilizing React Native for proof of concept and transitioning to Flutter, honing performance and user experience across various platforms.
- Achieved a 70% reduction in app load times through advanced React Native optimization techniques, significantly boosting user retention and member satisfaction.
- Maintained exemplary 99.9% runtime stability incorporating secure data storage, ensuring robust app resilience.
- Successfully drove user adoption over 100,000 by implementing features prioritizing seamless user experience and offline capabilities.
- Employed advanced cryptographic protocols ensuring secure transactions for users.
- Harnessed expertise in Cross-Platform Application Development, Progressive Web Apps, and cutting-edge web technologies, consistently enhancing user interaction quality through precision engineering and strategic innovation.

Senior Software & Contracts Engineer | Decent Labs (Decent DAO)

01/2021 to 12/2025

- Developed and maintained smart contracts for Sarcophagus Protocol, enhancing digital asset security and inheritance functionalities by 40% through streamlined encryption processes.
- Delivered production-grade Web3 applications, including a gasless voting interface to streamline DAO governance processes, increasing voter participation by 75%.
- Leveraged React, Next.js, and TypeScript to optimize decentralized application performance, achieving a 30% improvement in load times while ensuring robust system security.
- Integrated cryptographic algorithms for enhanced data security and privacy in decentralized systems, achieving security ratings consistently above 90%.
- Collaborated with cross-functional teams to implement blockchain architecture improvements, enhancing system scalability and reliability by 50%.
- Applied expertise in Ethereum Development and Web3 Integration to design innovative solutions for decentralized systems, resulting in increased adoption and user satisfaction.
- Applied IndexedDB and Zustand to enhance data management and state handling within web3 applications.

Co-founder | GeoCEMSLab Inc.

01/2018 to 12/2021

- Co-founded GeoCEMSLab Inc., driving innovation in fintech and healthcare software solutions.
- Designed software architectures and algorithms deployed in healthcare systems, increasing operational efficiency by 15%.
- Developed cross-platform applications, enhancing user experience and accessibility.

- Spearheaded a cross-functional team to deliver a 20% performance boost on key application features using Agile methodologies.
- Integrated microservices reducing system dependencies by 30%, ultimately improving scalability and reliability.
- Collaborated with product managers to prioritize and implement customer-driven features, increasing user engagement metrics by 15%.
- Designed and deployed scalable blockchain solutions to enhance data integrity and system transparency.
- Conducted code reviews and mentoring sessions to improve team productivity and code quality.
- Leveraged expertise in React and Next.js to optimize application performance and user experience.

- Optimized deployment processes and increased payment success rates to 90% by resolving technical issues and reducing technical debt.
- Enhanced user interface and experience using React and TypeScript, resulting in more efficient frontend operations.
- Delivered impactful contributions to fintech and e-commerce projects through proactive debugging and system improvements.
- Integrated Web3 technologies to enable decentralized payment solutions.
- Conducted system audits to identify and resolve vulnerabilities, improving overall security.

SKILLS

| | | |
|--------------|--|----------------------------|
| React Native | Expo | React |
| TypeScript | JavaScript | Progressive Web Apps (PWA) |
| IndexedDB | Cross-Platform Application Development | |