Fatjon Rrapaj

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Senior React Native & Frontend Developer

Accomplished and results-driven professional with hands-on experience in leading all aspects of designing, developing, and deploying high-performance mobile applications for iOS and Android platforms.

Proficient in programming languages including JavaScript and TypeScript, with a strong focus on frameworks and libraries such as React, React Native, Redux, and Next.js. Demonstrated expertise in optimizing development processes, reducing costs, and leading technical teams. Proven track record in integrating complex features and enhancing user experience with reusable components and efficient workflows. Skilled in methodologies such as Cross-Platform Mobile Development, Fast Prototyping, and Lean Startup. Successfully contributed to key projects in various roles, securing major clients and delivering innovative solutions that meet business objectives. Credible history in delivering robust mobile and web systems ahead of schedule, driving funding phases, and fostering team productivity. Excel at optimizing user experiences by creating intuitive interfaces and integrating key features such as payment systems and API communications. Proven ability to simplify complex processes, significantly reducing form submission times and enhancing code maintainability. Adept at collaborating with cross-functional teams to deliver high-quality, scalable, and maintainable code. Proven track record in optimizing application performance, enhancing user engagement, and driving project success from concept to deployment.

Areas of Expertise

- Cross-Platform Application Compatibility
- Payment Systems Integration
- Code Maintainability and Scalability
- Task Management & Streamlining Workflows
- Mobile and Web Systems Development
- User Experience (UX) Optimisation
- Software Development Lifecycle
- Team Leadership and Mentorship
- API Integration
- React JS Development
- Integration and Optimisation
- CI/CD and Automation
- Complex Problem Solving
- Debugging & Testing
- Frontend Development
- Mobile Development
- Fast Prototyping
- Lean Startup
- Technical Leadership
- Reusable Component Development
- React Native Development

Technical Proficiencies

Programming Languages: JavaScript, TypeScript, Swift, Java, HTML & CSS, SCSS

Frameworks and Libraries: React, React Native, Redux, Next JS, TailwindCSS, Storybook, Styled Components, Three JS, Expo, Zustand, Jest, Socket.IO, EventBus, Codepush

Platforms and Tools: iOS, Android, Firebase, Firebase Cloud Functions, Firebase Firestore, Firebase Authentication, Firebase Notifications, Google Cloud Platform, Docker, Xcode, Android Studio, Jenkins, Postman, Cypress, FastLane, Sketch App, Figma, StarPrint SDK, Stripe SDK, Enode API, OneSignal, Detox

Methodologies: Cross Platform Mobile Development, Frontend Development, Mobile Development, Fast Prototyping, Lean Startup

Technologies: gRPC, Socket.IO, Firestore, Stripe, Stripe SDK, Ant Design, Shadcn

Professional Experience

Chargebeam, Stockholm, Sweden — 2023 – Present
Senior React Native Developer

Lead the end-to-end design, development, and deployment of React Native applications for both iOS and Android platforms by utilising technical expertise. Write, test, and maintain high-quality, maintainable, and efficient code, ensuring that the applications perform well under various conditions and are easy to update and scale. Provide technical direction and leadership to a team of junior and mid-level developers by sharing your knowledge, offering guidance, and helping them solve complex technical problems.

Key Contributions:

- Created highly reusable components, significantly reducing future development time.
- Reduced company costs by identifying and removing non-essential features, expediting the funding phase by 40%.
- Integrated essential app features, including Stripe Payments and Enode API for electric vehicle communication, ensuring functionality.
- Spearheaded the development of the initial version of the system (Android App, iOS App, Admin Dashboard, Job Applications Portal) in 2.5 months, accelerating the company's reach to the funding phase.
- Improved development efficiency by reducing the completion time for complex form submission flows from one week to a few hours through effective communication and task management.

Cinolla, London, United Kingdom — 2022 – 2023
Senior React Native Developer

Optimised the applications for maximum speed, scalability, and efficiency by identifying and addressing performance bottlenecks and implementing caching strategies and other optimisation techniques. Conducted thorough code reviews to ensure code quality, adherence to

best practices, and alignment with project requirements, providing constructive feedback to improve team performance. Collaborated with product managers, UX/UI designers, and backend engineers to understand project requirements, and design features.

Key Contributions:

- Engineered and launched multiple versions of a POS system UI, enhancing usability for cashiers dealing with complex forms.
- Deployed Stripe POS payments and various payment methods, boosting product attractiveness and aiding in acquisition of new clientele.
- Integrated Star Print SDK, enabling efficient printing of diverse invoices and extensive reports via Bluetooth-connected thermal printers, streamlining operations and minimising support needs.

BetterSpace, London, United Kingdom 2020 – 2021
React Native & React JS Developer

Troubleshoot and resolve performance issues and scalability challenges by using profiling tools, conducting performance testing, and applying optimisation strategies. Implemented and maintained robust CI/CD pipelines for mobile applications to automate the build, test, and deployment processes, ensuring that the applications are delivered reliably and efficiently.

Key Contributions:

- Accelerated development time by 40% through the creation of a component's library, enabling shared use across multiple projects and websites with easy configurability for various colour schemes.
- Enhanced test coverage of the application, facilitating rapid and successful presentations of complex operations, and securing top clients like Accenture in early stages.

160 Driving Academy, Tirana, Albania 2019 – 2021
React Native and React JS Developer

Developed a comprehensive job-finding application for both Android and iOS platforms, specifically tailored to the truck driving industry in the USA. Engineered various support web applications to enhance efficiency for call centre and management teams. Integrated cross-functional mobile applications with backend systems to streamline operations and user experience. Ensured application compatibility across multiple devices and operating systems. Maintained and optimised application performance through regular updates and troubleshooting.

Key Contributions:

- Developed a highly successful job-finding app for both Android and iOS, specialising in truck driving job searches in the USA.
- Created various support web applications for the main mobile app, enhancing efficiency for call centre and management teams.
- Achieved seamless application functionality across diverse devices and operating systems through meticulous development.

Softmogul, Tirana, Albania 2018 – 2019
iOS Developer

Led a significant codebase transformation, transitioning from a tightly coupled MVC to a more maintainable MVVM-RX Swift architecture. Developed an Airdrop Mimic App leveraging Apple's Multi-peer Connectivity library, alleviating workload from the Backend Team and enabling rapid communication between multiple iOS apps. Enhanced application performance through diligent code optimisation and routine maintenance. Collaborated with cross-functional teams to ensure seamless integration of new features. Provided technical guidance and mentorship to junior developers, fostering a culture of learning and continuous improvement.

Key Contributions:

- Refactored a major codebase, resulting in a highly readable and decoupled environment that facilitated easier testing.
- Built an Airdrop Mimic App that expedited inter-app communication and reduced backend team dependencies.
- Created an internal POD to render App Tab Bar, Side Bar, and Navigation System, dramatically reducing duplicated code by 80% across various iOS applications and enhancing code testability.

Baboon Tirana, Albania 2017 – 2018
Android Developer

Developed an innovative Android application that revolutionised client registration and maintenance processes, significantly reducing operational costs. Engineered the app to seamlessly replace network-connected thermal printers, ensuring a more cost-effective and efficient system. Optimised the application for scalability, catering to an expanding customer base while maintaining high-performance standards. Ensured robustness and user-friendliness of the app, leading to an enhanced customer experience.

Key Contributions:

- Reduced new client registration and maintenance costs by 92%, from approximately $1000 to $80 per customer.
- Spearheaded the development of a user-centric Android application, resulting in improved efficiency and client satisfaction.
- Implemented advanced features and functionalities, contributing to the app's success and widespread adoption.
- Streamlined the client onboarding process, facilitating a more rapid and seamless user experience.
- Demonstrated exceptional problem-solving skills, swiftly addressing and rectifying any technical issues that arose.

Education & Certifications

Bachelor's Degree in Business Informatics | European University of Tirana, Albania
Best Business Idea & Development Plan, European University of Tirana, Mar 2018

Languages

English (Professional working proficiency) | Italian (Limited working proficiency)