

Abimael Espinal

React Native | Full-Stack Engineer

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Innovative and results-driven React Native Engineer with over 5 years of experience in building cross-platform mobile applications for iOS and Android. Adept at translating design wireframes into high-quality code, optimizing app performance, and integrating third-party APIs. Proven ability to lead project teams and collaborate effectively with stakeholders to deliver user-centric solutions.

Technical Proficiencies

Android Studio | AWS | BitBucket | C++ | CodePush | Detox | EC2 | Elastic Beanstalk | Enzyme | Express.js | Figma | Firebase | Flow Type | Golang | Git | GitHub | Heroku | Java | JavaScript | Jest | Linux | Macintosh | MongoDB | MYSQL | NodeJS | PC | React | React Native | React Navigation | React-Query | Redux-Saga | TestFlight | Thunk | Typescript | WebSocket | Xcode

Career Experience

ConnectRN, Boston, MA (Remote)

2022 – Present

React Native / Full Stack Engineer

Key Contributions to Full-Stack Development and Team Leadership:

- **Application Requirements and Collaboration:** Reviewed application requirements and interface designs for a React Native app, actively engaging in discussions on user interface concepts while fostering collaboration with the development team.
- **Feature Development and Ownership:** Played a pivotal role in developing and maintaining clinician mobile and web applications and backend services. Oversaw the development of key features, demonstrating leadership by gathering stakeholder requirements and delivering polished products.
- **Integration of Home Health Services:** Successfully integrated home health services into the platform, enabling ConnectRN to adopt a flexible point-based model.
- **Team Leadership:** Effectively led front-end engineers within my scrum team, ensuring an efficient workflow and driving successful project outcomes.

Tech Stack: React Native, React, Typescript, React Context, React-Query, React Navigation, Golang, MySQL, AWS

Good Uncle, New York, NY

2020 – 2022

React Native / Full Stack Engineer

Key Contributions to React Native App Development and Maintenance:

- **Feature Development and Release Management:** Led the entire feature development and release cycle process for a React Native app, maintaining the codebase and making architectural decisions aligned with React best practices and workflows.
- **Food Delivery Application Maintenance:** Supported Good Uncle's food delivery app for college students, enabling kitchen operations and delivery services across multiple colleges in the USA.
- **Documentation and Collaboration:** Documented code and architectural decisions following industry best practices to ensure future reference and enhance team collaboration.

Tech Stack: React Native, React, Javascript, Redux, Redux-Thunk, React Navigation, Golang, MongoDB, AWS

BChainCo, New York, NY

2019 – 2020

React Native / Full Stack Engineer

Key Contributions to Mobile Application Design and Development:

- **UI Design and Development:** Developed, researched, and designed UI features using React Native and Figma, creating intuitive and visually appealing user interfaces for the mobile application.
- **User Research and Experience:** Conducted user research to inform design decisions and implemented user-centric solutions to enhance the overall user experience.
- **Marketplace Application Development:** Led all facets of the mobile app development process, leveraging field experience to build a marketplace app that enabled users to buy, sell, and trade items locally, including features for listing, browsing, and direct communication.
- **Design Framework Implementation:** Applied the Double Diamond framework to guide ideation, research, and problem-solving, ensuring a structured and user-centered approach to design and development.

Tech Stack: React Native, React, Javascript, Redux, Redux-Thunk, React Navigation, NodeJS, MongoDB, AWS

Equinox, New York, NY
React Native Engineer

2019

Key Contributions to UI Development and Team Collaboration:

- **UI Development and Bug Fixes:** Assisted in UI development and resolved bugs, actively engaging in UI discussions and collaborating closely with the development team.
- **Feature Development:** Contributed to key features, including enhancing the login workflow and implementing UI animations for improved user experience.
- **Proof of Concept Development:** Created a Proof of Concept (POC) for integrating tools like Storybook and CodePush to streamline development and deployment processes.
- **Team Support and Knowledge Sharing:** Supported the team through code reviews and shared expertise in React Native concepts to promote best practices and efficient development.

Tech Stack: React Native, React, Flow Type, Redux-Saga, React Navigation

Trill Clothing MRKT, Brooklyn, NY
React Native / Full Stack Engineer

2018 – 2019

Key Contributions to Cross-Platform Mobile App and Backend Development:

- **Mobile and API Development:** Developed a cross-platform mobile application using React Native and created supporting APIs with NodeJS for a clothing shopping app and website.
- **Release Cycle Management:** Oversaw release cycles for App Store and Google Play, ensuring smooth updates and deployments.
- **Real-Time Communication:** Built a WebSocket server utilizing WebSocket technologies, MongoDB, and NodeJS to enable real-time communication and data handling.
- **Real-Time Order Tracking:** Contributed to developing a real-time tracking feature, allowing customers to monitor their order delivery progress.
- **Backend Deployment and Push Notifications:** Managed backend deployment using Heroku, integrated push notifications, and implemented various front-end features to enhance the mobile application's functionality.

Tech Stack: React Native, React, Javascript, Redux, Redux-Thunk, React Navigation, NodeJS, MongoDB, WebSocket, Heroku

LineupAppQ, New York, NY
React Native / Full Stack Engineer

2017 – 2018

Key Contributions to Real-Time Queuing App Development:

- **Cross-Functional Collaboration:** Partnered with cross-functional teams to develop a React Native application, delivering a real-time interactive mobile experience for a queuing app.
- **Real-Time UI Development:** Utilized Socket.io to create a responsive user interface, enabling seamless communication with backend servers.
- **Feature Implementation:** Contributed to building key features, including wait time estimation, queue position tracking, notifications management, and real-time updates.

- **UI Optimization:** Refined and optimized the real-time user interface and feature set, enhancing the overall user experience.

Tech Stack: React Native, React, Javascript, Redux, Redux-Thunk, React Navigation, NodeJS, MongoDB, WebSocket, Heroku

Education

Bachelor of Science in Computer Science

City University of New York-Herbert H. Lehman College, Bronx, NY, 2020

Bachelor's Degree in Computer Science and Computer Software Engineering

Hunter College, New York, NY, 2016

Associate of Science in Criminal Justice and Safety Studies

Borough of Manhattan Community College, New York, NY, 2013

Projects

Pelu – Built React Native application specifically for barbers and barber shops. Barbers discovered more clients and clients can book appointments online.

- Acquired over a hundred users for beta testing.
- Pelu back-end: MongoDB, ExpressJS, React, NodeJS, AWS EC2, S3, and Twilio.
- Pelu technology used: React Native, Redux, Redux-Thunk, JavaScript, third-party libraries, stripe, React-native-maps, React Native calendar.

Professional Training

IOS App Development – LinkedIn – 2021