

MATTHEW ELIA

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SUMMARY

I have nearly a decade of experience as a software engineer, with a primary focus on JavaScript and the React ecosystem. My expertise lies in cross-platform mobile development using React Native, where I have developed complex, high-performance applications across multiple industries. I am passionate about leveraging technology to drive innovation and user engagement.

WORK EXPERIENCE

Founder, Software/Prompt Engineer - The TLNT Platform

January 2024 - Present | Remote

Built and architected The TLNT Platform, a decentralized crypto exchange platform, emphasizing qualitative data to value talent.

Developed a cross-platform mobile app and web client for TLNT using React Native, React, Node.js, and Flask, integrating AI-powered microservices for content generation.

Architected the system as a whitelabel platform, enabling scalability and customization for different client needs.

Implemented a multi-tenant database for secure and isolated client data management.

Designed and automated asset generation using AI, including custom scripts for icons and splash screens.

Established CI/CD pipelines with Fastlane for automated builds, testing, and deployments on Android, iOS, and Web via GitHub Actions and Docker.

Full Stack JavaScript Engineer (& Automation Engineer) - Verboten Soft LLC

2023 | Denver, CO

Built an SEO tool to improve local business rankings on Google Maps/Search, leveraging Node.js, MongoDB, and Google Location APIs.

Utilized microservices with Docker, Express, and vanilla JavaScript, while integrating Playwright for automation and testing.

Tech Consultant - KPMG Digital Lighthouse (Advisory)

2021 - 2023 | New York, NY / Denver, CO

Led front-end React development for Regions Bank, including CRUD operations, table management, and component library integrations.

Developed React Native applications and code-reviewed for Lending Club, focusing on security assessments for a high-profile bank acquisition.

Built a React Native-based data literacy training app with an emphasis on animation and user engagement.

Created a React informational site for Vinfast's U.S. launch, integrating compliance and leadership data.

Software Engineer (React Native) - Irvin Group

2020 - 2021 | New York, NY

Built a React Native app for background checks, integrating advanced ID scanning and facial recognition APIs for secure identity verification.

Integrated C++ libraries into the app using React Native Modules for real-time liveness detection, enhancing security features.

Engagement Lead - Philosophie

2019 - 2020 | New York, NY

Client: U.S. Army Institute of Infectious Disease (USAMRIID)

Led the development of the **Biodefense Tool**, a mobile application for the U.S. Army to assess biological agent exposure.

Ran demos with U.S. Army Generals in October 2019, showcasing the tool's features and capabilities.

Worked closely with USAMRIID to ensure secure and rapid data processing, user accessibility, and high performance.

The application was developed with React Native and integrated with secure data storage and real-time alerts.

[Download on the App Store](#)

[Download on Google Play](#)

JavaScript Engineer - Element Capital Management

2018 - 2019 | New York, NY

Created a trade execution platform using vanilla JavaScript and D3.js, optimizing performance for high-frequency trading.

Developed end-to-end automated testing suites with Jest and Puppeteer, covering critical trade workflows.

Mobile Developer (React Native) - LJ

2018 | New York, NY

Developed a Bluetooth proximity application using React Native, integrating Nordic Semiconductor BLE technology and a Kalman Filter algorithm for precise signal processing.

Creative Technologist (React + React Native) - J.P. Morgan Chase

2017 - 2018 | New York, NY

Built a React Native app for Chase Business Mobile (CBM) and multiple web applications for the Commercial Banking team, integrating Ruby on Rails and D3.js.

Full-Stack Software Developer - Gramercy Tech

2015 - 2017 | New York, NY

Developed web and mobile solutions using React, Node.js, and Ruby on Rails, supporting event management and client engagement.

SKILLS

Programming Languages: JavaScript, TypeScript, Solidity, Python

Frameworks & Libraries: React, React Native, Node.js, Express, D3.js, Flask

Mobile Development: iOS, Android, Fastlane CI/CD, Docker

Testing & Automation: Jest, Puppeteer, Playwright

Cloud & DevOps: AWS, GitHub Actions, Docker, Fastlane