

Alessio Romeo

917-403-0691 | alessioromeo2@gmail.com | [linkedin.com/in/alessioromeo](https://www.alessioromeo.io) | <https://www.alessioromeo.io>

TECHNICAL SKILLS

Languages: JavaScript, Python, Java, Swift, SQL (Postgres), C++, C, HTML, CSS

Frameworks: React, Next.js, Node.js, Flask, FastAPI, React Native, Expo

Tools: Git, GitHub, Docker, API, VS Code, Visual Studio, JetBrains, Figma, AWS, MongoDB

Libraries: Tailwind, Bootstrap, Material UI, Playwright, Puppeteer, WebSocket

EXPERIENCE

Lead Frontend Engineer

June 2021 – Present

SendsationalText, Inc.

New York, NY

- Led a team of 6 engineers in **Agile** sprints with Jira, delivering **React/Node.js** features on time.
- Built a **React/TypeScript** marketing platform with Redux, Webpack, Jest, scaled to 5.9M monthly messages.
- Optimized performance with lazy loading, code-splitting, and **Vite** for high-traffic throughput.
- Developed a **Node.js** scraper with **Playwright**/Puppeteer, MongoDB, and Redis, collecting 90M+ records.
- Integrated scraper with **REST APIs** and **GraphQL** to enable 90M+ records for marketing in 2 years.
- Created a **Next.js** UI with dynamic routing, **Tailwind CSS**, and SSR, raising retention 27%.
- Deployed a **React Native** coupon system with Expo, **AWS Lambda**, and DynamoDB in 274+ NY locations.
- Enabled real-time updates with **WebSocket** and scalable **AWS** cloud setup for coupon system.
- Refactored legacy JS to ES6/**TypeScript** with ESLint, cutting render times 30% and saving \$65K.
- Designed a responsive **React** dashboard with **Material UI** and Chart.js, serving 8M+ monthly users.
- Implemented SEO optimizations in **Next.js**, increasing organic traffic by 40% in 6 months.
- Led cross-functional team to integrate Stripe APIs, processing \$10M+ in transactions securely.

Frontend Engineer

February 2019 – June 2021

Cyrus Cloud Solutions, LLC

New York, NY

- Built a **TypeScript/React** app with Redux Toolkit, enabling 95+ agents to track leads for \$17.1M in deals.
- Optimized data flows with **React Query** and Zustand, supporting high-volume lead management.
- Implemented a **Next.js/TypeScript** search tool with **AWS Elasticsearch**, indexing 50K+ listings.
- Boosted agent productivity 45% with sub-second queries using Elasticsearch and Algolia.
- Led a 5-person team in **Agile** with **GitHub** workflows and Jira, launching a \$1.5M product in 1 year.
- Enforced **CI/CD** pipelines with Jenkins and rapid prototyping for efficient product delivery.
- Crafted a scalable **React** dashboard with custom hooks and Webpack federation for 120K data points.
- Enabled real-time updates with Socket.io and a lightweight architecture for maintainability.
- Developed reusable **React** components with Storybook, reducing dev time by 20% across 3 projects.
- Integrated Google Analytics and Mixpanel in **React** apps, driving data-driven UI improvements.
- Optimized frontend builds with Rollup and Babel, cutting bundle size by 35% and load times by 15%.

CERTIFICATIONS

- Web Application Development with JavaScript and MongoDB - **Stanford University**
- Web Applications with Angular.js - **Johns Hopkins University**
- AWS Certified Developer – Associate - **Amazon Web Services**
- Professional Scrum Master I (PSM I) - **Scrum.org**

AWARDS

- 1st Place - Hackathon NYIT 2023
- 1st Place - Math Olympiad 2019
- 1st Place - Robotics Olympiad 2020
- 2nd Place - Physics Olympiad 2020

EDUCATION

New York Institute of Technology

New York, NY

Bachelor of Science in Computer Science, Minor in Mathematics

4.0 GPA