

ANDREW DE ASEVEDO

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Software Engineer

EXPERIENCE

IntraPosition

Contractor Field Application Engineer

Boston, MA

May. 2026 – Present

- **Led onboarding and deployment efforts** for Mass General Spaulding Rehabilitation Hospital, enabling the successful implementation of enterprise equipment-tracking software.
- Installed, configured, and troubleshooted **300+ proprietary IoT devices** across 8 hospital departments, supporting seamless deployment and day-to-day system reliability.
- **Validated 200 service zones, achieving greater than 90% tracking accuracy** and ensuring dependable real-time asset visibility.
- Leveraged **Elastic Kibana** to monitor system logs, investigate anchor and sensor failures, and resolve issues through root-cause analysis.
- **Partnered with** hospital staff and **key stakeholders** to translate operational needs into technical solutions, ensuring successful adoption of equipment-tracking workflows.

WHOOP

Software Engineer Intern

Boston, MA

May. 2025 – Aug. 2025

- **Architected and shipped** static and dynamic components for the Advanced Labs home page using **BFF architecture, enabling the launch** of the new Advanced Labs dashboard
- **Built CRUD APIs in Java** and integrated with **AWS Lambda/S3**, enabling access to additional patient records and supporting integration with external healthcare systems
- Collaborated across frontend, backend, product, and design teams to deliver a new Advanced Labs experience, coordinating requirements and ensuring successful feature rollout
- **Designed automated test suite** with **Cypress**, and utilized **Postman**, and **Datadog**, to increase confidence in production deployments

Hometap

Software Engineer Intern

Boston, MA

May. 2024 – Aug. 2024

- Shipped 25+ production-ready features using **React and TypeScript**, focusing on well-tested, maintainable UI components
- Built a reusable, responsive navigation system using **React** and **Tailwind CSS**, improving usability across desktop and mobile
- Authored technical documentation and onboarding materials, improving knowledge sharing and accelerating developer ramp-up
- Delivered 13 story points per sprint in an Agile environment, actively participating in standups, sprint planning, retrospectives, and code reviews

PROJECTS

pSpeak – Peer-to-Peer Encrypted Terminal Chat

Python, Node.js, WebSockets, Cryptography (X25519, AES-GCM)

- Built a distributed peer-to-peer messaging system with STUN-assisted NAT traversal, end-to-end encryption, and WebSocket-based signaling, debugging networking and integration challenges across multiple communication layers.

Studio Chat – VS Code Team Chat Extension

TypeScript, VS Code Extension API, PocketBase

- Developed and published a real-time VS Code chat extension featuring secure authentication, live synchronization, custom webview interfaces, and comprehensive automated testing.

EDUCATION

University of Massachusetts – Boston

Bachelors of Science in Computer Science

Boston, MA

Sept. 2021 - May. 2025

SKILLS

Languages: Python, Java, JavaScript, SQL, TypeScript, Go, C, C++, C#
Frameworks: React, Next.js, HTML, CSS, Svelte
Tools: Git, Docker, AWS, Linux, Cypress, Jest, Datadog, Postman