

# Xavier Hollingsworth

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## EXPERIENCE

### Full-Stack Lead Software Engineer

Mar. 2023 – Present

*Booz Allen Hamilton*

*San Francisco, CA*

- Lead an engineering team of 6 in developing a full-stack application for the intelligence agency community to manage and edit classified records collaboratively, using Angular, Nest JS and PostgreSQL.
- Established coding standards and mentored junior developers, resulting in improved code quality and reduced on-boarding time from 1-2 weeks to a few days via thorough documentation.
- Contribute building and optimizing the PostgreSQL database schema.
- Collaborate with multiple cross-functional teams, and product managers to deliver milestones on time.
- Enhanced the application's architecture by integrating a centralized logging system and utility libraries for data classification, promoting code modularity and maintainability.
- Optimized application performance by designing a modular NGXS store, ensuring efficient state management and a centralized source of truth.

### Lead Front-End / Full-Stack Software Engineer

Apr. 2021 – Mar. 2023

*Deloitte*

*Orlando, FL*

- Led front-end development team of 3 engineers building an internal facing Business Automation (BPMN) tool to automate enterprise workflow design, adopted by multiple internal teams.
- Developed key features of a medic bot built atop Wickr, an end-to-end VOIP communication system, that helped the US military transition from antiquated communication systems to modern communication protocols in battlefield zones.

### DevOps Engineer

Jun. 2020 – Apr. 2021

*Asurion*

*Orlando, FL*

- Led the modernization of cloud infrastructure and CI/CD automation for a business management platform used by uBreakiFix franchises nationwide.
- Migrated Jenkins CI/CD pipelines to AWS CodeBuild and CodePipeline, resulting in faster deployments, increased developer productivity, and significant cost savings through efficient pipelines, containerized environments, and auto-scaling resources.

## PROJECTS

### Full Stack Real-Time AI Chat App | *JS/TS, React, Node/Express, Next, Tailwind, Mongo, Postgres, Firebase, Heroku, Vercel, GCP*

Jan. 2023 – Apr. 2024

- Architect & built a full-stack application that allows users to message each other and communicate with different models of ChatGPT.
- [Live Demo](#) | [GitHub Repo](#)

### OMSHUB (Open Source Contributor) | *React, Next, TypeScript, Node, Firebase, Jest*

Jun. 2024 – Jan. 2025

- OS full-stack contributor to website for rating GATech courses.
- [Live Site](#)

### Randomized Optimization Model | *Python, scikit-learn, Kaggle*

Sep. 2024 – Jan. 2025

- Analyzed optimization algorithms (Random Hill Climbing, Genetic Algorithms, Simulated Annealing) on a Phishing dataset, implementing custom Flip Flop and Four Peaks fitness functions that achieved higher accuracy compared to traditional Neural Network backpropagation.
- [GitHub Repo](#)

### Custom User Authentication and Authorization Microservice | *Node, TypeScript/JS, Express, Mongo, Docker, Jest, Postgres*

Jan. 2023 – Jan. 2024

- Developed a reusable user authentication and authorization service/plugin with full password encryption and 90%+ test coverage using test-driven development and OAuth integration as well as JWT.
- [GitHub Repo](#)

## EDUCATION

### Georgia Institute of Technology

Atlanta, GA

*Master's of Science, Computer Science, GPA: 4.0*

*Jan. 2024 – Anticipated May 2027*

### Oregon State University

Corvallis, Oregon

*Bachelor's of Science, Computer Science*

*Jun. 2017 – Apr. 2020*

## TECHNICAL SKILLS & CERTIFICATES

**Languages:** JavaScript/TypeScript, Python, HTML/CSS

**Frameworks/Libraries:** React, Node.js, Express, Next.js, FastAPI, Nest.js, TensorFlow, Pytorch, OpenAPI, sklearn, Tailwind

**Tools/Technologies:** Docker, Google Cloud Platform (GCP), AWS, Jenkins, Redis, PostgreSQL, Firebase, MongoDB

**Certificates:** Google Cloud Associate Engineer