

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, engineered using Angular and Nest JS for the intelligence agency community to manage and edit classified records collaboratively.
- 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.
- Contributed building and optimizing the PostgreSQL database schema, implementing strategies that enhanced query efficiency and application performance
- 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 reusability 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 tool to automate enterprise workflow design, adopted my multiple internal teams.
- Developed key features of a medic bot built atop Wickr, an NSA-approved end-to-end VOIP communication system that helped the US military transition from antiquated communication systems to modern communication protocols.

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-based 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](#)

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 80% accuracy versus traditional Neural Network backpropagation.
- [GitHub Repo](#)

Custom User Authentication and Authorization Microservice Plug | *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 \(User Auth Micro-service\)](#)

EDUCATION

Georgia Institute of Technology

Atlanta, GA

Master's of Computer Science, Specialization in AI/Machine Learning, GPA: 4.0

Jan. 2024 – May 2027

Oregon State University

Corvallis, Oregon

Bachelor's of Science in Computer Science

Jun. 2017 – Apr. 2020

TECHNICAL SKILLS

Languages: JavaScript/TypeScript, Python, HTML/CSS

Frameworks/Libraries: React, Node.JS, Express, Next.JS, FastAPI, Nest JS, TensorFlow, Pytorch, OpenAPI, sklearn, Hugging Face, ollama

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