Xavier Elon Hollingsworth
Full Stack Senior Software Engineer

Focused on full-stack web application engineering and machine learning engineering.

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xavierelon.com/ 🔳

linkedin.com/in/xavierelon 🔗

github.com/xavierelon 🔗

WORK EXPERIENCE

Full-Stack Senior SE / Front-End Lead
Booz Allen

03/2023 - Present

Achievements/Tasks

- **Node/Express, React, Angular, MongoDB, PostgresSQL, Docker, Linux, NestJS, TailwindsCSS**
- Full-stack/front-end lead engineer leading the creation of a product creator application. Built pages & components in Angular 15 & connected the logic to back-end. Wrote controllers and services in Nest.JS and integrated with Elasticsearch and front-end. Accounted for roughly ~50% of the front-end development of application, leading 4 engineers. Heavily involved in architecture and design of full-stack application.
- Converted 8 Node 10 microservices to Node 16 Express REST APIs w/ increased response time of 20% while also decreasing API server failure response rate by 16%.

Full Stack Software Engineer/Front-End Lead
Deloitte

04/2021 - 03/2023

Achievements/Tasks

- **[React, Typescript/Javascript, MongoDB, Docker, NodeJS]** -Front-end lead/full-stack engineer working internally for the Software Factory. Tasked with building a custom Business Process Modeler Notation (BPMN) using React/TypeScript, and connecting it to the NodeJS backend via routes. Orchestrated the design + architecture the front-end application leading 3 engineers and 1 designer.
- **[React, Javascript, Java, PostgreSQL, Express, Node, Jest]** - Full-stack engineer for IRS developing a 1M+ user facing application.

DevOps Engineer
Asurion/UBreakiFix

06/2020 - 04/2021

Achievements/Tasks

- Heavily focused on AWS. Built & deployed Docker containers to create dev environments, improving developers workflow by ~20%. Created several pipelines to automate deployments and decrease deployment time by > 50%.

EDUCATION

OMSCS MS in AI/ML
Georgia Tech

01/2024 - Present   *GPA: 4.0*

Courses

- Machine Learning, Reinforcement Learning, Deep Learning

Bachelor's of Science in Computer Science
Oregon State University

06/2017 - 04/2020   *GPA: 3.7*

TECHNICAL SKILLS

Software Languages and Skills
JavaScript, TypeScript, Python, C/C++

Tools/Frameworks/APIs/DBs
React, Node.js, Angular, React Native, , Express, Next.js 14, AWS, GCP, Docker, MongoDB, PostgreSQL, Firebase, Mocha, Chai, Tailwind, TensorFlow, Pytorch, PyCharm, NumPy, Pandas, OpenAPI, Linux, REST APIs, CI/CD (Jenkins, CodePipeline)

PERSONAL PROJECTS

XSJ Full-stack AI Chat App (01/2023 - Present)
- **Javascript/Typescript, React, Node/Express, Next, Tailwind, , MongoDB, PostgreSQL, Firebase, Heroku, Vercel, GCP**
- Architecting & building a full stack application that allows users to message each other, communicate as well as communicate with different versions of ChatGPT. Also able to login & signup to the website with my custom crafted user-auth microservice.
- https://xsj-ui.vercel.app/ 🔳
- https://github.com/XavierElon/xsj-consulting-ui

Blog (05/2024 - Present)
- **Hugo, Javascript, HTML/CSS**
- Lightweight blog built using Hugo for optimized SEO and loading times.
- https://github.com/XavierElon/wtfprogrammingblog
- https://wtfprogramming.io

OMSHUB (Open Source) (07/2024 - Present)
- **React, Next, TypeScript, Node, PrismJS, FireBase, Jest -** OS full-stack contributor to website for rating GATech courses. https://www.omshub.org/

User Authentication and Authorization Microservice (01/2023 - Present)
- **Node, Typescript, Express, Mongo, DevContainer, Docker, Jest**
- Created a user authentication and authorization service with full password encryption and 90%+ test coverage using test-driven development. This is a reusable microservice that could be used for any application.
- https://github.com/XavierElon/xsj-users-microservice

Youtube Algorithms & Coding Channel (JAVA) (08/2018 - 01/2022)
- Coding/algorithms focused channel. 4000+ subscribers.
- https://www.youtube.com/channel/UCkzn_i33n79ljur943FlMqw

CERTIFICATES

Google Cloud Associate Engineer (12/2023 - Present)
ID: f51b08def86c47abaa0777466edc4d34

AWS Certified Cloud Practitioner (09/2020 - Present)
ZTDN67LKNFIE1C5R

HACKATHONS

Deloitte BlockChain Guild NFT Hackathon (01/2022 - 03/2022)
Led a team of 3 to create an NFT identity management system. Placed 3rd place out of 33 teams. https://github.com/XavierElon/bit-of-tech

Strong Compute AI Chess Hackathon (12/2024)
Placed 3rd out of 12 teams in a hackathon at SF startup bulding a Chess ML model and battling the model against the other contestants using StockFish as the judge