

Xavier Elon Hollingsworth

Full Stack Software Engineer

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WORK EXPERIENCE

Full Stack Staff Software Engineer/Senior Consultant Booz Allen

03/2023 - Present

Achievements/Tasks

- Working on a secret DOD contract focused on converting Node 10 Loopback microservices to Node 16 Express microservices with OpenAPI. Conduct code reviews with full testing on the new Node 16 services.
- Working on converting the current front end written in Java to React components.

Full Stack Software Engineer/Front-end lead Deloitte

04/2021 - 03/2023

Achievements/Tasks

- 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, MongoDB and connecting it to the NodeJS backend via routes. Orchestrated the design and architecture the front-end application leading 3 engineers and 1 designer.
- Full-stack engineer for NetCCN (DOD) contract. Built a phone application (React Native, Typescript, MongoDB, Express) for offline use by medical professionals that syncs data in field. Created a backend middleware API to sync with MongoDB using Typescript.
- Built 6 pipelines in AWS CodePipeline and CodeBuild that allowed for fully automated building and deployment of the 3 different applications/repositories.
- IRS: Worked as a full-stack engineer developing the WebApps application using Java Spring Boot for backend, React/Typescript for the front-end and Jest for testing.

DevOps Engineer Asurion/UBreakiFix

06/2020 - 04/2021

Achievements/Tasks

- Heavily focused on AWS. Built and deployed Docker containers to create dev environments, improving developers workflow, increasing scalability, and maximizing speed.
- Transferred pipelines and builds for all environments from Jenkins to AWS CodePipeline/CodeBuild which allowed for 80% more automation. Worked with QA to setup automated tests in pipelines for all environments.

EDUCATION

Bachelor's of Science in Computer Science Oregon State University

06/2017 - 04/2020

GPA: 3.6

TECHNICAL SKILLS

Software Languages and Skills

React, Javascript, Typescript, React Native, Python, C/C++,

Tools/Frameworks/APIs/DBs

Node.js, Express, Java Spring Boot, Next.js, AWS, Docker, MongoDB, PostgreSQL, Jenkins, Jest, Mocha, Chai, Tailwind, ChatGPT, OpenAPI

PERSONAL PROJECTS

XSJ Full Stack Web Application (01/2023 - Present)

- Currently architecting, designing and building a full stack application that allows users to message each other, communicate with ChatGPT among other various features.. Front end was created using Next, React, TypeScript, Tailwind. Backend consists of microservices written in Typescript, Node/Express, MongoDB, PostgreSQL and Google Firebase. The application implements both local and Google authentication, cart functionality with Stripe integration. Front end is hosted on Vercel and backend is hosted on Heroku.
- <https://xsj-ui.vercel.app/>
- <https://github.com/XavierElon/xsj-consulting-ui>
- <https://github.com/XavierElon/xsj-users-microservice>

Bit of Tech NFT Identity Management System (Avalanche Network) (01/2022 - 03/2022)

- A web 3.0 application built on the Avalanche blockchain for an NFT hackathon for Deloitte. Built it with one other dev over the span of 19 days. Received 3rd place out of 33 teams. React was used for the front end. Contracts were written in Solidity. Users could mint NFTs with different user roles such as admin, minter, user and moderator then see their NFTs in the UI. NFTs could then be used to login to a system with defined privileges.
- <https://github.com/XavierElon/bit-of-tech>

RateMyClasses.io MERN Stack Web Application (03/2020 - 08/2021)

- Led and orchestrated a team of 4 engineers to create a full-stack MERN app for university students to rate and review their university classes.
- Fully deployed with AWS using Route 53, load balancers, EC2s, VPC. Created 60% of the routes for the back-end using Node.js and Express and created the models and setup the MongoDB database. Developed 25% of the front-end using React and connected it to the backend. Site shut down to expensive AWS costs.
- https://github.com/XavierElon/rate_my_classes

Youtube Algorithms & Coding Channel (JAVA) (08/2018 - 01/2022)

- Coding/algorithms focused channel. ~4000 subscribers. Stopped posting due to time constraints.
- https://www.youtube.com/channel/UCkzn_i33n79ljur943FlMqw

CERTIFICATES

CompTIA Security+ (04/2023 - Present)

COMP001022241841

SAFe Agile (08/2021 - Present)

AWS Certified Cloud Practitioner (09/2020 - Present)

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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>