

Xavier Elon Hollingsworth

Full Stack Software Engineer

xavierelon93@gmail.com

813-404-7326

Orlando, FL

xavierelon.com

github.com/xavierelon

WORK EXPERIENCE

Full-Stack Software Engineer

Deloitte/IRS

06/2021 - Present

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 and connecting it to the back-end while writing routes in NodeJS. Orchestrated the design and architecture of the front-end application and led 2 other engineers.
- 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: Full-stack engineer. Developed the TaxPro application using Java Spring Boot for backend and Oracle for the database, React for the front-end and Jest and RTL for testing. Developed Java Spring Boot REST API.

DevOps Engineer

Asurion/UBreakiFix

08/2019 - 05/2021

Achievements/Tasks

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

Business Owner

Great Lakes Property Management

01/2016 - 11/2021

Orlando, FL

Achievements/Tasks

- Built business from the ground up which allowed me to develop business, entrepreneurial, marketing, and financial skills.

EDUCATION

Bachelor's of Science in Computer Science

Oregon State University

08/2017 - 07/2019

GPA: 3.7

TECHNICAL SKILLS

Software Languages and Skills

Javascript, Typescript, Java, C/C++,

Tools/Frameworks/APIs

React, React Native, Java Spring Boot, Next.js, AWS, Docker, Node.js, Express, MySQL, MongoDB, Oracle, PostgreSQL, Jenkins, Jest, Git, JUnit, Express

PERSONAL PROJECTS

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. Picked as top 5 out of 33 teams. Still waiting on finalists to be announced.
- 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. Users could see their NFTs in the UI. NFTs would then be used to login to a system with defined privileges.
- Tech used: React, Solidity, Remix, Web3.js
- <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. I created about 50% of the routes for the back-end using Node.js and Express and created the models and setup the MongoDB database. I developed about 15% of the front-end using React and connected it to the backend. I unfortunately had to shut down the site due to incurring large monthly costs on AWS to keep it live.
- https://github.com/XavierElon1/rate_my_classes

Youtube Algorithms & Coding Channel (JAVA)

- Coding/algorithms/tech focused channel. ~3000 subscribers.
- https://www.youtube.com/channel/UCkzn_j33n79ljur943FlMqw

Rocket & Astronaut REST API (Javascript)

- Created a full RESTful API using Node.js for an application that manages astronauts on rockets.
- Deployed a front end using Google App Engine where users can login and register. Used Auth0 and JWT to authorize and authenticate users.
- https://github.com/XavierElon1/rockets_api_oauth

CERTIFICATES

SAFe Agile (08/2021 - Present)

AWS Certified Cloud Practitioner (09/2020)

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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>