JAMES WHALEN
617-780-2967
James.w.whalen@gmail.com
https://jwhalen93.github.io/

Programming Experience

- Java, MySQL, JavaScript, Nodejs, Reactjs, jQuery, HTML/CSS, Bootstrap
- RESTful APIs and Microservices using Dropwizard and Spring Boot.
- Containerization and orchestration using Docker and Docker Compose.
- Cloud based architecture with AWS technologies such as EC2, ECS, ECR, RDS, and S3.
- Agile methodology, Git, Github, and Bitbucket for collaboration.

EXPERIENCE

September 2021 – July 2022   **Firemon**   **Overland Park, KS (Remote)**

Support Software Engineer

- Worked closely with NetSec engineers and the feature development team to debug and test fixes, including quick fixes for single customers, and long term fixes for the entire application.
- Fixed Unicode decode issues with our EMEA clients which was causing errors due to character set differences not accounted for. I worked closely with Network Security engineers and senior Python developers to get up to speed on a language i was still learning, and implement a fix that we verified with the customer and would no longer impact customers from that market or any market with similar character differences.

January 2020 – September 2021   **Audible**   **Cambridge, MA**

Software Development Engineer II

- Developed new features for and maintained all of Audible's touch points on Amazon surfaces. That includes Amazon.com, Alexa, and mobile apps.
- Met with Product Owners and UI/UX developers to gather requirements and create designs to help develop the new Membership Landing Page for Audible customers on Amazon.com. This was a full stack development feature that included calls to various Amazon services and using dependency injection in order to build the data we needed. I wrote code in HTML/CSS and Javascript on the page's existing JSP to add a the container that will hold the new feature.
- I lead initiatives when the Covid-19 pandemic began to keep the spirit of collaboration. I instituted bi-weekly "Happy Hours" during the last hour on Fridays for the time to unwind and have some fun. I also introduced a "Virtual Office Hour" for the team once a week so that everyone could hop on the same meeting and ask questions, chat, or just simply work while being with everyone virtually.

April 2018 – January 2020   **Trux Inc**
Waltham, MA
<u>Java Backend Engineer</u>

- Collaborated closely with front end developers to design and develop microservices using Dropwizard and design POJOs to be stored in our MySQL database using JDBI based on end user feedback
- Lead the development of new data models and REST endpoints to support our v2 phone app which required us to standardize our two distinct types of jobs the end user accepts. It was successfully implemented and was a requirement for us to secure further funding from our largest client.

May 2015 – April 2018   **Atos Syntel**   **Quincy, MA**
Client : State Street Bank
<u>Full Stack Java Engineer</u>

- Wrote, deployed, and maintained a full stack application using Struts 2, HTML/CSS with Bootstrap, and JavaScript with jQuery. Took ownership of designing a website that allowed bank employees to access legacy autosys scripts using a web application instead of being forced to manually log into individual servers. Over 2,000 scripts across 100s of servers were onboarded to the webapp, simplifying the script running process.
- Began the project to update our web application by using Spring to design RESTful web apis, and React to design a more modern and reactful front end. A user favorite's table was implemented using React and Axios combined with Spring as my last contribution to the project.

EDUCATION

University of Massachusetts, Lowell   Lowell, MA
Bachelor of Science in Computer Science   May 2015