Ariana Wisenburn

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Skills

Backend	Frontend	DevOps	Testing
▪ SQL	▪ React	▪ Git	▪ Unit testing
▪ Python	▪ Javascript	▪ Docker	▪ TDD/BDD
▪ Java	▪ Typescript	▪ Ansible	▪ Metrics analytics
▪ Node.js	▪ HTML/CSS	▪ CI/CD	▪ Test Automation (Selenium, Cypress)
▪ REST APIs	▪ GraphQL	▪ AWS	

Education

Rochester Institute of Technology
Rochester, NY, 2018-2023
B.S. Computer Science
Minor Electrical Engineering
Honors program
Cum laude

Work Experience

Full Stack Intern, Zocdoc - Manhattan, NY — Jun – Aug 2022

- Managed a React-based user flow redesign from inception to roll-out using Agile methodologies. Authored comprehensive technical documents detailing existing Storybook components and React states along with which features to update and metrics to implement. Updated components and rewrote Typescript files, leading to a ~77% flow completion rate.
- Verified website functionality through a Team City CI/CD pipeline and implemented extensive unit and Cypress tests. Established an Optimizely experiment using A/B testing to direct and analyze consumer traffic during gradual feature roll-out.
- Documented and analyzed page metrics information to visualize website traffic through Datadog metrics dashboards, allowing the team to track feature usage and customer behavior.

Full Stack Co-op Engineering Intern, Wind Talker Innovations - Silver Spring, MD — Jan – Aug 2021

- Generated and maintained production-level internal performance testing tool for the company's Node.js-based flagship product. Modified REST API endpoints in conjunction with test script development. Reduced testing time by 85% and inspired the merge of test scripts into the deployed product.
- Automated Docker-Compose image and container creation using Ansible, drastically reducing the hardware costs for onboarding engineers and scaling testing capabilities by two orders of magnitude.

Intern, Black River Systems Company - Utica, NY (Remote) — May – Aug 2020

- Programmed a continuously updating user interface to handle collection, processing, and heat-map visualization of various RF data (GPS, Wi-Fi RSSI, and SDR signals), which allowed for complete data capture and gave field testers the ability to amend and verify tests on the fly.

Labs & Projects

Wine and Flavor Search Engine — Jan 2023 – Present

- Automated Python script with Selenium and BeautifulSoup to automatically scrape multiple wine and flavor webpages for over 10,000 pieces of data, then clean and prepare these samples to upload into a MySQL database.
- Designed a robust MySQL database schema, then developed a Python script to automate table creation and data population from the processed dataset into the database. This streamlined the data import process, saving significant time and effort.
- Created and maintained a GraphQL layer, enabling flexible and efficient querying of the MySQL database. Defined and implemented GraphQL types and resolvers to make minimal calls to the database from the website (below).

Personal Website — Mar – May 2023

- Constructed a SPA from scratch using React, Typescript, CSS, HTML, and an external UI library.
- Implemented CI/CD pipeline using GitHub Actions to verify build functionality and deploy the Firebase-hosted website whenever a pull request is made on the main branch.

Personal Safety Android App — Feb 2020

- Constructed a personal safety Android application using Android Studio, Kotlin, and Java. Implemented GPS location tracking and SMS features to notify the public safety line if directly prompted or if the failsafe user interaction timer runs out.
- Awarded the Most Innovative title at WiC Hacks 2020 for the app's unique features, implementation, and presentation.