

Abdurahman Hijazi

Full Stack Developer

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Experience:

Sphera – Software Engineer

February 2023 - Current

Full Stack Development in [React JS](#), [Java](#), [Docker](#), [JavaScript](#), [TypeScript](#), [Cypress](#), [Gradle](#), [JUnit](#), [Mockito](#), [Postman](#), [Redis](#)

- Implemented **asynchronous page loading** in JavaScript, resulting in 70% improvement in web performance load time.
- Improved mobile usability by adding responsive features to a **Progressive Web App (PWA)** using **React.js**.
- Wrote over **120 unit tests** using Java **Mockito** framework, helping reach **90%** code test coverage.
- **Pair programmed** with frontend and backend developers to review pull requests and ensure code quality.
- Reduced code base vulnerabilities by over **60%**, using automated unit testing and patching.
- Developed and executed **SQL migration scripts** to correct corrupted user data, ensuring data integrity and reliability.
- **Automated** the upgrade of **200 Gradle dependencies** ensuring the latest patch versions without manual intervention.
- **Collaborated** with Product Managers to develop user-friendly UI designs for new React.js components.
- Developed 15+ new components in **React.js**, enhancing customer usability and satisfaction.

88 Ninety – Software Engineer (Contractor)

January 2024 - Current

Development in [React JS](#), [Redux](#), [Cypress](#), [Docker](#)

- Implemented **HTTP request caching** techniques, reducing the number of data requests and drastically improving performance.
- Kick-started **E2E Cypress testing** within the application by integrating **Cypress** and writing the first tests.
- Built entirely new web pages using **React.js** and **Redux**, enhancing user experience with user-friendly interfaces.
- Refactored legacy code to be **cleaner** and more **readable**, making it easier for future developers to work with.
- **Peer programmed** closely with backend engineers to design ideal **HTTP response body structures**.

The Trade Desk – Software Engineering Intern

June 2022 - Sep 2022

Full Stack development in [TypeScript](#), [Java](#), [JavaScript](#) and [Maven](#)

- Implemented **Contract Testing** layer between a **JavaScript SDK** and a **Java API**. This was done to catch out HTTP messaging incompatibility when pushing new releases to either API or SDK.
- Wrote a **contract test** for every endpoint in the API.
- **Designed** and **published** an entirely **automated CI/CD process** for Contract Testing using **GitHub Actions** and **Webhooks**.
- Created and presented a **design document** with diagrams and explanations on the purpose of the project and the inner workings.
- Refactored **API** code and reorganised in a more structured manner
- Created a **PoC** to confirm core project **functionality**, which was approved by manager
- Project was completed, and integrated to the code base.

Software Projects:

Sneaker Select Web Application – React JS, CSS - [LINK TO PROJECT](#)

Sep 2021

- Created a **fully-fledged**, aesthetic shoe **ecommerce** store from scratch with a full **carting** system.
- **Fully responsive**, working seamlessly on web and mobile.
- Added advanced features, such as **user registration & authentication**, customizable delivery options, and email subscription services.
- Implemented features for searching, filtering, categorising, and purchasing of items..

Technical Skills:

Front End: React.js, React Hooks, Redux, JavaScript, TypeScript, Cypress, Bootstrap, HTML, CSS

Back End: Node.js, Express.js, Gradle, JUnit, Maven, Python, Java, PostgreSQL, Vertx

Web: RESTful APIs, Ajax, Responsive Web Applications, Postman, JSON

DevOps: CI/CD, Unit testing, Mockito, Jest, Mocha, GitHub Actions, Yml, PoC, Automated Testing

Others: Linux, Git, NPM, Maven, Testing/Debugging, Adobe Illustrator, Netlify, Heroku, Graphic Design, Design Docs, Documentation

IDEs: VS Code, Sublime Text, IntelliJ

Education:

University of Birmingham – BSc. Computer Science – 2:1 (2020-2023)