

# Aheed Shah

SOFTWARE ENGINEER

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## Profile

As a recent Computer Science graduate with hands-on experience gained as a Software Engineer Intern at Intuit, I am excited to embark on my professional journey. I am actively seeking a Software Engineer position where I can apply my practical skills, passion for problem-solving, and dedication to innovation to drive the success of a forward-thinking organisation.

## Work Experience

### Intuit

London, England

SOFTWARE ENGINEERING INTERN

June 2022 - Sept. 2022

- **Contributed to Agile Development:** Actively participated in an Agile development team, facilitating the continuous delivery of new projects and features that the team was working on.
- **Complex Bug Resolution:** Diagnosed and rectified intricate software bugs, spanning both front-end and back-end aspects of the product.
- **Accessibility Focus:** Ensured adherence to accessibility guidelines when introducing new features and enhancing accessibility features in existing components, promoting inclusivity.
- **Enhanced Customer Confidence:** Implemented error message tracking and introduced new features, significantly boosting customer confidence and fostering a data-driven development approach.
- **Collaborative Feedback:** Collaborated effectively with senior engineers, providing valuable feedback to improve project outcomes and team performance.
- **Cross-Team Collaboration:** Worked harmoniously within cross-functional Triads (Product Development, Project Management, User Experience Design) to drive the successful completion of assigned tasks.

### www.aheedshah.com

London, England

WEB DEVELOPER

June 2021 - Sept 2021

- **Freelance Web Development:** Independently designed and developed my professional portfolio website, utilising a diverse set of technologies, including React and Firebase, to showcase my skills and projects.
- **Technological Innovation:** Continuously integrated newly acquired programming languages and design principles into the website, demonstrating my commitment to staying updated with industry trends and incorporating the latest advancements.
- **Client Empowerment:** Assisted clients in establishing their online presence by creating personalised websites, aiding them in achieving recognition and success in their respective domains.
- **Open Source Contribution:** Shared the codebase for my portfolio website on GitHub to foster collaboration, encourage transparency, and inspire fellow developers. You can find the code here: <https://github.com/aheedshah/portfolio>

### Bright Network

London, England

GOOGLE TECHNOLOGY INTERN

4 - 6 June 2021

- **Developed a Terminal-Based YouTube Application:** Successfully completed a Google Technology Internship programme through Bright Network, where I designed and built a fully functional terminal-based application for YouTube.
- **Utilised Python3 and Software Development Lifecycle:** Leveraged Python3 to craft the application, adhering to industry-standard Software Development Lifecycle methodologies to ensure a structured and efficient development process. I developed a command-line YouTube application using Python3, showcasing my practical programming skills.
- **Engaged with Industry Leaders:** Actively participated in webinars hosted by industry leaders, including Amazon, Bloomberg, Goldman Sachs, and Vodafone, covering diverse topics such as the Internet of Things, Complex Problem-Solving, and Software Development Lifecycle, enhancing my knowledge and industry insights.

## Education

### Goldsmiths, University of London

London, England

BACHELOR OF SCIENCE (HONS.) IN COMPUTER SCIENCE

Oct. 2020 - June 2023

- **First-Class Honours:** Graduated with First-Class Honours, demonstrating a strong academic performance and commitment to excellence.

## Programming Skills

**Front-end** HTML5, CSS3, JavaScript, SCSS, TailwindCSS, React, TypeScript

**Back-end** Java, JavaScript, Express, REST API, Python

**Databases** MySQL

**JavaScript Libraries** Node, P5, React, Express, TypeScript, Redux

**Testing Frameworks** React Testing Library, Sinon, JUnit, Jest, Mocha

**Technical Tools** Git, Postman, Jira, Jenkins, CI/CD Pipelines

## Job Crop: A job searching application

London, England

REACT, SASS, FIREBASE, HTML5

February 2023 - March 2023

- **Designed a Tailored Job Search Solution:** Conceptualised and developed Job Crop, an innovative job searching application catering specifically to the tech industry. The platform uses advanced matching algorithms to connect job seekers with relevant opportunities.
- **Responsive UI Development:** Leveraged React to craft an intuitive and highly responsive user interface, ensuring a seamless user experience across devices and screen sizes.
- **Quality Assurance:** Implemented comprehensive unit testing for each application component to maintain product quality and swiftly identify and rectify errors, resulting in a robust and error-free application.
- **User-Centric Approach:** Prioritised user feedback and conducted user testing sessions to refine the application's features and functionality, ensuring it met the unique needs of tech industry professionals.
- **Open Source Contribution:** Shared the codebase for my portfolio website on GitHub to foster collaboration, encourage transparency, and inspire fellow developers. You can find the code here: <https://github.com/aheedshah/job-crop>

## Wordle

London, England

JAVA, SWING

Dec 2021 - Jan 2022

- **Java-Based Wordle Application:** Developed a Java-based Wordle application using Swing and implemented multiple classes utilising Object-Oriented Programming principles, ensuring modularity and maintainability.
- **Leveraging Java's Capabilities:** Utilised various inbuilt methods and features of Java to construct the application, harnessing the power and versatility of the Java programming language to implement all aspects of the game.
- **Recreation of Wordle:** Successfully recreated the Wordle application, replicating the original game's mechanics and functionalities, providing users with an experience identical to the original game.
- **Open Source Contribution:** Shared the codebase for my portfolio website on GitHub to foster collaboration, encourage transparency, and inspire fellow developers. You can find the code here: <https://github.com/aheedshah/University/tree/main/Wordle%20>

## A Human Resources Management App

London, England

JAVA, JAVASCRIPT, MYSQL, HTML5, CSS

Nov 2021 - Mar 2022

- **Leading the Software Development:** Led the development of Minimalist HR, a comprehensive human resources management application designed to streamline employee data management for universities.
- **Effective Team Leadership:** Led a cross-functional team of five developers, employing Agile Development Methodologies and best practices to ensure on-time and efficient delivery of the web-based software.
- **Integration for different Languages:** Successfully integrated multiple programming languages, enabling seamless communication and collaboration between various system components, ensuring an efficient and cohesive software ecosystem.
- **Quality Assurance:** Maintained rigorous code quality standards, conducting thorough code reviews to identify and address weaknesses while adhering to stringent time and space complexity criteria, ensuring the software's robustness.
- **Enhancing Accessibility and Simplicity:** Dedicated to enhancing user experience, Minimalist HR aims to revolutionise the HR software landscape by offering universities an alternative: user-friendly, accessible, and straightforward software that addresses the challenges posed by traditionally complex and cumbersome solutions in the market.