

Waswa Olunga

Summary

- 5+ years of experience in software development focused on creating seamless experiences for end users
- 5+ years of experience in architecting and managing web applications end to end
- Effective, intentional communicator within a team dynamic
- Adept at ensuring the group moves forward together as opposed to individuals progressing

Technical Skills

- Develop full stack applications using React, GraphQL, Typescript, JavaScript, SQL databases including PostgreSQL and MySQL, NoSQL databases including MongoDB, Firebase, CMS including Sanity, Vue, HTML, CSS, CSS Modules, Sass and Node.js
- Apply solid object-oriented programming paradigms to build software using Java, C# and C++
- Create offline first applications by making use of service workers and integrating relevant features of Progressive Web Apps
- Implement Version Control Integration in projects using Git
- Collaborate on team projects using Scrum AGILE methodologies

Education

Simon Fraser University, Surrey

BACHELOR OF COMPUTER SCIENCE,
SOFTWARE SYSTEMS, GRADUATED IN
AUGUST 2020

- Attained an International Student Scholarship for academic achievement
- Maintained good academic standing throughout my degree and recognized within the President's Honor Roll and Dean's List

Information

Email: olungaw@gmail.com

LinkedIn: linkedin.com/in/iamwaswa

Work Experience

Senior Software Engineer

OKTA, JULY 2022 TO PRESENT

- Responsible for the architecture and building of the Secure Partner Access web application experience from conception to product which stands to be a revolutionary product that will greatly enhance cybersecurity for IAM needs in B2B customer/partner relationships using React, Typescript, Java and MySQL
- Pivotal to the maintenance and development of the Okta end user dashboard which is the first point of interaction for all Okta customers, which are over 10,000 companies, using React and Typescript
- Implemented various pipelines to help with localization and CI/CD that increased proficiency for all developers working on the dashboard

Software Engineer

MICROSOFT, OCTOBER 2020 TO JULY 2022

- Core to the development of the OneDrive PhotoStory web experience recently unveiled on OneDrive which has over 30 million active monthly users using React and Typescript
- Architected the user interface for the recently released OneDrive Photos Widget in Windows 11 that is surfaced to approximately 1 million active monthly users using React and FAST UI
- Leveraged in-depth knowledge in React and frontend design to help onboard fellow team members and guide the team to adopt best practices around new feature developments and codebase refactors

Software Architect

CCO, MAY 2019-DECEMBER 2021

- Architected a web application for a non-profit faith-based organization called Catholic Christian Outreach (CCO) to be used in university campuses across Canada and growing using React for the frontend, Node.js for the backend and a NoSQL database in the form of Firebase
- Designed features that allow both missionaries and students to work autonomously on the platform which significantly improved upon the prior experience that was only accessible to missionaries and exhibited several increasing pain points
- Architected the product, end-to-end, in a scalable manner to serve a projected 100,000+ user audience

Software Engineer Intern

MICROSOFT, SEPTEMBER 2018 TO DECEMBER 2018

- Using C++ and C#, successfully improved the UI and UX for Microsoft Photos, currently used by over 300 million people worldwide
- Integrated accessibility features into Microsoft Photos to enhance usability
- Integral part of a team that made a fully functioning internal web application in React within a week