DANIEL SSEJJEMBA

FRONTEND SOFTWARE ENGINEER

Personal details

Name	DANIEL SSEJJEMBA
Email address	ssejjembadan@gmail.com
Phone number	+256706650884
Address	Kyebando, 0000 Kampala
Date of birth	July 9th, 1996
Gender	Male
LinkedIn	linkedin.com/in/daniel-ssejjemba

Education

Aug 2014 - Feb 2019	**Bachelors of Science in Computer Engineering** **Makerere University, Kampala** Undergraduate studies in the science of computer design, application and architecture. With my main focus on the software engineering.
Jan 2014 - Aug 2014	**Certificate in Website Development** **SAI-PALI Institute of Technology and Management, Kampala** Took a practical course to explore computer science focusing on web technologies.

Employment

Aug 2019 - Present	**Lead Frontend Engineer** **ConceptSauce ltd, London** Lead, manage, and hold accountable frontend developers, collaborate cross-functionality with other teams. Manage deadlines and guide recruitment to align to long term strategies.

- Supervised a remote distributed team of 6 employees and promoted team collaboration.
- Improved recruitment policies and increased retainment of workers by 80% through mentorship programs and promoting a culture that encourages creativity and innovation.
- Improved code quality by implementing scalable testing strategies for the front-end applications with clear flow and separation of the Unit testing and Integration testing with jest and end to end tests with cypress.
- Improved documentation ranging from AsciiDoc pages with software documentation and system diagrams on Miro boards to "how tos" wiki pages and videos for clients using the web applications.
- Improved developer experience in the codebase by implementing monorepo structures in the company applications using Nx build systems and static analysis using JsDoc.
- Reduced time spent in meetings and dramatically improved communication by about 150% by implementing asynchronous communication strategies

using slack, trello, miro discussion boards and GitLab project management tools.

- Implemented cross browser friendly styling strategies with mobile responsive web applications that give seamless experiences both with the 2D and 3D applications across different platforms and browsers.
- Implemented internationalisation with i18next.
- Increased developer throughput by about 50% by implementing a feature based short weekly sprint policy that dramatically reduced the time spent in code refactors.
- Mentored a total of 10 junior developers into mid level status and subsequently reducing labour costs to contractors reaching 95% inhouse software development target.

Oct 2021 - Feb 2022

Frontend Expert
Algotest, India
Refactor old codebase to be more maintainable and scalable, improve user interface to pixel perfection match figma design and Implement a testing strategy to prevent shipping many bugs into production.

- Refactored the codebase to be modular and have a clear contextual separation between UI and logic.
- Also reinvented the markup to be more accessible using semantic tags and following the WAI-ARIA specification.
- Reinvented styling to discard use of bootstrap and used css modules in React to implement a modular styling system.
- Reimplemented a separate structure using a Redux inspired to have a clear FLUX architecture with React hooks.
- Implemented a dynamic forms web application with a clear emphasis on performance.
- After months the startup had failed to launch a product to the market. I helped them launch to production after 1 month and now application has about 200+ daily users.

Oct 2018 - Mar 2019

Contractor
Self Employed, Kampala
I was working on several small local contracts, mostly for Javascript applications and responsible for meeting client milestones.

- I drew software system diagrams for a chat application architecture using a Firebase Firestore NoSQL database structure.
- I made code reviews and guided the RotaApp into production mentoring a team of Junior developers.
- I helped the frontend team to come up with intuitive automated testing strategies that reduced shipping bugs into production.
- I helped register the company's mobile application to play store.
- I encouraged a lean startup strategy that encouraged and embrace agile software development methodologies through defining different phases of application release.

Apr 2019 - Jun 2019

Frontend Developer
Cognative Insights, Kampala
I was responsible for working in a medium sized team on weekly sprints to develop client application for a software development startup.

- I helped the team to get the UncleBob application idea into MVP status.
- I implemented pixel perfect styled applications with flexible design-development approaches that allowed the designers to revise and change the designs during development without causing complete rewrites.

Jun 2018 - Nov 2018

Software Developer
Qriscorp Uganda, Kampala
I was responsible for development of an Android application for the company which was the main product for the startup.

- I communicated technical challenges to non technical teams to help manage

expectations and communicate non visual deliverables.
- I implemented a secure android application for money transactions with realtime user feedback and a wallet management system for the Mutual Wallet application.
- I worked on multi threaded api communications in Java.
- I implemented responsive mobile designs with the constraints layouts.

Skills

Javascript (ES5, ES6, ESNext) and Bundlers like (Webpack)	Excellent
HTML & CSS	Excellent
React (Redux & MobX)	Excellent
Node.js	Excellent
Typescript	Good
Java	Good
Version Control	Excellent
Software Architecture	Excellent
Project Management	Excellent
Python	Moderate
Test Driven Development	Excellent
Documentation	Excellent

Languages

English	Very good
German	Moderate

Hobbies

- Soccer
- Swimming
- Travel & Tour
- Cooking