

# Lubega Simon

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## Skills

- Programming tools: OCaml, JavaScript, Typescript, Node.js ReactJS et cetera
- Database tool: PostgreSQL
- Over two years of industrial software development and maintenance
- I desire growth while adding value to teams and an entity.
- Able to work with agile methodologies to accomplish project milestones according to specific time frames.
- Strong desire for open-source community work.
- Critical thinking and problem-solving.
- Excellent teamwork.
- Openness to learning new skills, both soft and technical.
- Good communication and writing skills

## Experience

August 2023- ongoing

### Personal project

I am currently building a web and mobile tool that will provide capabilities for a user to monitor their individual, project, company, organization, or business expenses by simply, an assigned entrant entering each expenditure made along with the amount, category, et cetera made at a certain point in time. However, the goals of the tool are way bigger than just monitoring expenses.

The tool is coded in OCaml language using tools like [Dream](#), [Cacti](#), [Bonsai](#), PostgreSQL, et cetera.

January 2022- March 2022

### Tarides, Paris - *Contractor*

I continued with work on the documentation compiler for OCaml and Reason projects ([Odoc](#)).

October 2020- January 2022

### OCaml Labs Consultancy Ltd, London - *Contractor*

I primarily worked on the documentation compiler for OCaml and Reason projects ([Odoc](#)), which interprets content represented as comments and outputs it into different formats:

HTML, Latex, and Manpages. However, there is work in progress to support markdown generation as well.

The project also involves doing some work in other projects, and so far, I have done some in [odoc-parser](#).

I gave a talk about [Odoc-dune](#) integration.

July 2020 - October 2020

### **Dune** - *External contributor*

I made contributions in [dune](#) (OCaml build system).

- I fixed a bug that eventually caused tests to fail on some systems, but work on others ([3637](#)).
- Implemented a feature that helps control how a test executable is built by making it possible to customize a subset of compilation options for an executable ([3747](#)).
- Improved on how dune invokes odoc ([5045](#)).

May 2018 - April 2020

### **Motypes, Uganda** - *Software engineer*

SACCO management mobile application. I worked on both front and backend using tools, like nodeJS, typescript, react et cetera to build a cross-platform mobile application.

Customer Service Evaluation tool ([eval-cso](#)), an internal project used by the National Social Security Fund (NSSF), Uganda, to evaluate and benchmark customer service quality levels. I worked on the front and backend.

GitHub application ([github-todos](#)). This program opens, creates, and assigns issues to a respective member when particular words appear in the source code during the search by the application.