Serge Durand
Software Engineer and Full Stack Developer

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↖ https://serge.codes https://linkedin.com/in/sergedurand205

SUMMARY

Pragmatic and experienced software engineer who is well-versed in technology and writing code to create reliable and user-friendly systems. I'm also a skilled leader who has proven the ability to educate and manage a team of professionals to build software, while improving and learning from fellow collaborators.

EXPERIENCE

Python Developer
10/2022 - 11/2022

URL Shortener - tinyy.ink | youtu.be/xX9J4LlkRI8

- Developed a web application to convert long links into shorter ones. Supports QR code generation and stats with chart.js
- Redis-based cache server is used for high-performant and near real-time reads.
- Uses CAPTCHA to enhance security by preventing bots and DOS attacks.

Senior Javascript Developer
06/2022 - 08/2022

Thesis Follow up - edc-stg.online | tinyy.ink/stg-demo

- I led a team of 5 developers in the development of a platform for following up the thesis of postgraduate students in my university; tech stack consists of Mongodb, Expressjs, React & Nodejs (MERN)
- Implemented a robust API for front and backend communication and raised throughput of CORS requests by over 30%.
- Thanks to my leadership and Agile management skills, the project was completed a week prior to its pre-assigned completion date. I used Jira to track issues and tasks.

Software Developer - Internship
12/2021 - 03/2022

TechniqConsulting

- Internship at an IT consultancy and software development company.
- Aside from being a part of the implementation team, I was also responsible for choosing the technologies used for each project. Allocating suitable tech stacks to projects led to them going into production 1.5 times faster.
- Thanks to my broad expertise, clients requirements were more easily understood and properly implemented. This led to a noticeable increase in customer satisfaction and hence customer base.

Python Developer
06/2021 - 10/2021

CS Portal - camerschools.site | youtu.be/6LdmxpaATBs

- Developed a platform that offers many services to users such as buying, selling and requesting items, publishing lost and found items, asking questions and discussing various topics.
- It is deployed on the cloud(Azure) with a microservices architecture backed by Docker and DBMS based on Postgres, all sitting on a Django implementation.

TypeScript and React/Nextjs Developer
05/2021 - 05/2021

Amicopy Frontend - amicopy.vercel.app

- Template website with home, pricing and auth pages.

EDUCATION

Computer Science
2022

University of Yaoundé 1 - Bachelor's degree

- I led a team of 5 developers that developed a platform for my university to follow up the thesis of postgraduate students.

CERTIFICATES

DevOps Essentials (IBM)   11/2022 - Present

Enslish Speaking - Expert (Emmersion)   12/2022 - 04/2023

SKILLS

Software Architecture   Scrum & Agile Development
Docker   Prototype Development
CI/CD & DevOps   Project Management

LANGUAGES

English   Native   French   Native