Immanuel Mohol CV

Fullstack Developer

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Summary

Experienced software developer with over 5 years of success designing and building scalable and responsive applications for web and mobile. Strong expertise in Vue.js with a solid foundation in JavaScript and a growing interest in React and React Native. In addition to frontend development, I have solid experience building backend systems using Python with frameworks such as Flask, Django, and FastAPI. My backend contributions include API development, database modeling, and task orchestration using Celery and Redis. Proven track record leading frontend projects, collaborating with fellow developers, and contributing to fullstack solutions. Passionate about clean code, performance, modern UI/UX practices, and building cohesive end-to-end systems, and the growth of one's self and transferring over to others as well.

HOT TAKES:
Zsh is the best shell,
Vim over EMACs, but deep down we just want VSCode.
If you're not using TypeScript, you're not building a web app; you're building a bug farm.

Technical Skills

Frontend: Vue 2/3, Nuxt.js Tailwind CSS, Material UI, Bootstrap, Sass, Quasar, Vuetify, Bootstrap, Chart.js, JavaScript, TypeScript, ReactJS, [Next.js](#)

Backend: Python (Django, Flask, FastAPI), REST APIs, Celery, Redis, GoLang, C#

Testing: Jest, Pytest, Unit Testing, TDD

Design: Figma, Adobe XD, Photoshop, core UI/UX Principles

Tools: Git, GitLab, GitHub, Docker, Jira, Confluence, Linux, Slack, Bash

Databases: PostgreSQL, MySQL, MongoDB, Redis

Experience

Kupiku AG (Remote, Switzerland)
Fullstack lead (2020 - Present)

- Led design and development of user-facing features using Vue.js.
- Built responsive and performant UIs for logistics and e-commerce tools.
- Developed a real-time customer service messaging platform closely integrated with internal systems for real time updates and contextual responses
- Created an ingenious solution using the power of async javascript and automation in python with selenium, for preloading messages and speeding up customer service response
- Create a message reply predictor and helper leveraging MongoDb qualities.
- Conducted code reviews and mentored junior developers.
- Performed migration from peewee to sqlalchemy for legacy codebase, extreme project over various microservices
- Debugging bugs and responding to task tickets

Junior Developer (2019 - 2020)

- Built UI components and implemented backend API integration.
- Participated in daily scrum, and collaborated across departments on design and functionality.
- Built early logistics interfaces in Vue and Flask.

Oaks Excellence Academy
Information Systems Support & ICT O-Level Teacher (Volunteer) (2020 - Present)

- Developed custom WordPress site and student management system.
- Set up and manage email and internal tech systems.
- Taught and mentored high school learners in ICT, leading to successful exam results.

Africa Cloudspace

Intern .Net C# Developer - 2017

- Developed and maintained applications using .NET and C# technologies.
- Assisted in designing and implementing backend systems, gaining hands-on
- experience in software development and project management.
- Contributed to WordPress projects and helped build a .NET-based school
- management system, including a book ordering system.

Shamsi Music
Guitarist (2014 - Present)

- Toured internationally and contributed to creative musical development.

Education

Bsc. Computer Technology (Jomo Kenyatta University of Agriculture and Technology)

Covers software, data communications, electronic systems, microprocessor design, and programming languages, with an emphasis on both hardware and software aspects of computing.

- Data Structures and algorithms
- Digital and Analogue electronics
- Automata Theory
- System Design
- Mathematical fundamentals

Projects & Contributions

- **Logistics UI Platform:** Designed and deployed advanced stock-taking and shipment UI's.

- **Messaging Dashboard:** Real-time dashboard used by support agents; reduced response times by 40%.

- **Customer Messaging API:** Built and integrated Flask-based backend services powering internal customer tools.

- **School Portal System:** Designed and developed a school portal handling multiple user roles (students, teachers, admins), learning subjects, grading systems, and academic reports generation.

- **Inventory Population System:** Using python Beautiful soup, created a scraper that parsed and loaded product information to a database, running on a daemon and reverse proxies.

- **Browser Automation:** Created a running daemon that browsed through a site using selenium and parses the results with Beautiful Soup, to add to inventory and boost sales

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Tools & Environments

- Comfortable with Git, Linux, MacOS, Docker, Jira, and Agile And SCRUM methodologies.