Marcos Minond

https://minond.xyz
https://github.com/minond

Summary

With over a decade of hands-on experience in frontend and backend application development and system design, I bring a deep-rooted passion for computer science and software engineering to the table. My commitment to programming is unwavering, driven by an innate curiosity that goes beyond money. With a focus in building performant and scalable solutions, my expertise lies at the intersection of innovation and practicality.

Beyond my technical prowess, I extend my impact to the community by volunteering at the Utah Refugee Center. Here, I take on roles as an organizer and instructor for programming courses, shaping the next generation of aspiring developers through guidance and mentorship.

Skills

Scala, Go, Ruby, Python, TypeScript/JavaScript, Elm, bash, Linux, software design and architecture, compilers, parsing, codegen, process automation, continuous integration, distributed systems, observability, project management.

Independent Work

I've independently developed compilers and programming languages featuring Hindley–Milner type inference, custom opcode instruction sets, multi-pass compilation, and integration with LLVM. My projects demonstrate experience and knowledge in formal language specifications, parsing, syntax and semantic analysis, and code generation. This highlights my ability to innovate within Programming Language Theory and compiler construction.

Experience

Software Engineer, Freelance, *Minond, LLC*   January 2023 - Present

Staff Software Engineer, *MX*   April 2018 - December 2022
Played an active part in shaping our platform as both an individual contributor and a mentor to individuals and teams designing and developing solutions for a rapidly evolving industry and ecosystem.

- Member of the Enterprise Technical Office group where I dealt with high urgency client requirements and advised in project architecture and problem solving platform-wide.
- Led and owned new initiative to improve our client's developer experience. This included building SDKs for major mobile platforms. Evangelized this team's solutions and enhancements to internal and external parties.
- Technical lead to over a dozen backend and frontend engineers in the design and development of MXinsights, a financial feed product currently serving over 7 million users.

Software Engineer, Freelance, *Minond, LLC*   May 2017 - April 2018

Software Engineer, Tech Lead, *Domo, Inc.*   December 2014 - May 2017

Software Engineer, *InsideSales.com*   January 2012 - November 2014

Implementation Team Member & Manager, *InsideSales.com*   January 2009 - December 2011

Education

Utah Valley University, *BS, Computer Science (Incomplete)*   2009 - 2013

Volunteering

Programming Class Organizer & Instructor, *Utah Department of Workforce Services*   2016 - Present
I organize and teach programming classes for refugees and members of my community.