Filipe Constantinov Menezes

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Summary

I'm software engineer with 20+ years of experience on our industry. I've worked with web technologies, desktop apps, microcontrollers and so on.

And I'm currently working on an awesome control plane called Atlas (check it out https://www.mongodb.com/atlas).

I have a special interest in programming languages and compilers. Recently I've been having a lot of fun building my own programming language with LLVM.

Experience

Senior Software Engineer

MongoDB

Jan 2021 - Present (2 years 11 months)
- Working on projects for the Atlas Control Plane for deploying MongoDB nodes (replica sets and shards)
- Working in a Kanban environment having shared responsibilities, tweaking team processes
- Leading projects for our infrastructure solution, which includes discovery of alternative solutions, running POCs, documenting scope and driving timelines.
- Supporting open source Atlas CLI at https://github.com/mongodb/mongodb-atlas-cli
- Exposure to AWS, GCP and Azure

Skills: Golang, Python, Java, JavaScript, OpenAPI

Technical Lead

Zendesk

Dec 2016 - Dec 2020 (4 years 1 month)
- Telecom focused project with more than 100 thousand phone calls and 20 million http requests a day, using VoIP provider Twilio
- Leading team to deliver awesome projects and onboarding new team, running retrospectives, daily stand-ups, story writing, grooming, planning, and so on.
- Scoping and phasing projects together with Product Managers
- Defining and leading reliability projects, focused on improving stability and fault tolerance
- Focused on development environment and internal Docker tools maintenance
- Used AWS environment to maintain the infrastructure

Skills: Agile, Leadership, Mentorship, Documentation, Ruby on Rails, Go, MySQL, React.JS, Ember.JS, Twilio APIs, Docker and Datadog

Full Stack Engineer

Maya.Ninja LLC

Jun 2014 - Oct 2016 (2 years 5 months)
- Worked on a startup environment with daily stand ups
- Created from the ground up several projects
- Idyllic: identity proofing industry focused app
- Vidyāt: library based app, mp3 and image manipulations through imagemagick
- Neuron Ninja: psychology industry focused app
- Used AWS environment to maintain the infrastructure

Skills: Javascript, Node.JS, MongoDB, Cordova (PhoneGap), Ionic Framework, Angular.JS, Bootstrap, PHP

Senior Software Engineer

Vayon Insurance Solutions

Dec 2010 - Jan 2016 (5 years 2 months)
- Worked on on.iBusiness platform for the insurance industry
- Made a NPAPI browser plugin using C++ and later replaced by Java Applet with JNI, allowing brokers to use PINPADs to make payments through web app
- Worked with POS systems and development for microcontrollers in C
- Was in charge of architecture review during PCI-DSS certification
- Used AWS environment to maintain the infrastructure

Skills: Node.js, JavaScript, Redis, C#, MS SQL Server, C, C++, Java, JNI, Applet

Education

FIAP

Bachelor's Degree, Information Technology

2005 - 2008

Skills

Java • Go (Programming Language) • C++ • Python (Programming Language) • Containerization •
Agile Methodologies