

Tiago Lopes de Paiva D. Fonseca

Software Developer

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BACKGROUND SUMMARY

Software Developer passionate about web development and cloud infrastructure with 5+ years of experience from the R&D field developing innovative solutions for the financial, automotive and telecom industries and bootstrapping an accounts payable automation software startup in Chile.

EDUCATION

Graduation: Bachelor's Degree in Computer Engineering.
Pontifícia Universidade Católica do Paraná | 2014 – end 2019.

LATEST PROFESSIONAL EXPERIENCES

Telefonica

Software Engineer, Nov 2017 - Present

Activities:

- Worked on the Paid TV SPA global product developing new functionalities, bug fixes and performance improvements.
- Implemented DevOps strategies creating Kubernetes clusters and automated pipelines to reduce deployment time and friction.
- Developed a support ticket activity monitoring mobile app to help managers reduce their time to action by 30% to assure the quality of service in the B2B internet provider sector.
- Designed and implemented a project management dashboard to enable a distributed lab personnel work on remote projects and managers to track the project's daily activities

Tech stack: NodeJS, Python, Angular 6, ReactJS, MongoDB, ParseDB, MariaDB, RabbitMQ, Docker, OpenStack, Docker, Swagger, Kubernetes.

Facturedo

Lead Frontend Developer, Jan 2017 - Nov 2017

Activities:

- Led the remote development team while working on the Mexico rollout, managing activities and providing business requirements.
- Developed the first release of the mobile app responsible of creating a marketplace that helped sellers and investors get through factoring effectively and without hassle. Also managed the rollout of the app in Peru.

Tech stack: NodeJS, Angular 5, Ionic 3, RxJS, Firebase, AWS SQS, AWS SNS.

UNiO

Founder & Solutions Engineer, Dec 2015 – Dec 2016

Activities:

- Prospected B2B clients leading to beta trials with business segment leaders Nextel, Magazine Luiza and Marista Group.
- Developed the bill collector robot enabling payable accounts analysts to be more efficient and focus on more intellectual demanding activities.
- Leveraged investments and partnerships, such as a sponsorship to pitch for investors in Amsterdam, USD 30K investment from the Chilean Government and a Microsoft partnership for USD 100K credits on Azure.

Tech stack: NodeJS, Java, Express, MariaDB, DynamoDB, AWS Lambda, AWS API Gateway, RabbitMQ, AWS SQS.

Volvo Buses R&D

Electrical Wiring Harness Designer Intern, Nov 2015 – Jun 2016

Activities:

- Developed and maintained a software to automate electrical diagram verification, used by Volvo Sweden and Brazil, leading to important cost reduction by reducing the amount of time spent by the engineers in the electrical verification phase.
- Monitored buses electrical consumption on the field to solve battery consumption anomalies caused by unstable consumers.
- Designed electric load simulations along Volvo Sweden team for hybrid buses

VOLUNTEER EXPERIENCE

GitHub Campus Expert, Oct 2016 – Present.

Activities: Promoting hackathons, keynotes and workshops to help the university community of developers and entrepreneurs learn and discuss about the tech trends and develop soft skills.

Techstars, Sep 2016 – Oct 2016

Activities: Worked as a volunteer for Techstars mentoring startups and organizing the LATAM SUMMIT 2016 in Santiago, Chile.

LANGUAGES

English: Advanced

Spanish: Fluent

French: Basic (A2)

Portuguese: Native

Cargo: Electrical Wiring Harness Designer Intern

Atividades: Developed cost reduction solutions projects in the electrical wiring design and electrical verification and telemetry of buses.

Technologies: SaberRD, Saber Wiring Harness, Matlab, Python, Tcl.

Empresa: Bematech R&D (Janeiro 2014 – Novembro 2015)

Cargo: Middleware Developer

Atividades: Middleware Development, Hardware tests and Product Development

Projeto/ Tecnologias: Desenvolvimento de Middleware e Frontend, usando C++, Python, CSS HTML, para automações no varejo, software para PoS e testes de hardware.

CONHECIMENTOS E HABILIDADES

- Comunicativo, autodidata e empreendedor.
- Programming languages: Javascript, NodeJS, Python, C/C++, Swift, Tcl, CSS, HTML, MongoDB, SQL.
- Frameworks/Libs: Angular 2, ionic 2, Express, RxJS.
- Conhecimento em: AWS/Azure Cloud, rede CAN, protocolo MQTT e desenvolvimento de software embarcado.
- Volvo Electrical Hybrid Bus – Operation & Conditioning Course

CURSOS E CERTIFICAÇÕES

- iOS Basic/Intermediate development course – ENG.
- French A-II Level Certificate.

IDIOMAS

INGLÊS: Fluente

Espanhol: Fluente

Francês: Básico