Alexander Filsecker

Software Engineer

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Self-Motivated Full Stack Engineer with a strong track record in system optimization and team leadership. Dedicated to fostering collaboration and maintaining technical excellence.

Work Experience

Technical Lead   Feb 2024 - Mar 2024

U-Zave | *Santiago, Santiago Metropolitan Region, Chile*

Promoted for exceptional problem-solving and communication, driving system improvements. Successfully led a team of three developers and a DevOps, implementing efficient workflows with Jira and Git flow.

- Implementation of CI/CD systems in Bitbucket and Gitlab.
- Managed EC2 machines in AWS Cloud.
- Managed the Atlassian suite accounts (Jira, Confluence and Bithbucket)
- Performed regular code review to the code base to ensure adherence to best practices and maintain superior coding standards

Software Engineer   Jun 2023 - Jan 2024

U-Zave | *Santiago, Santiago Metropolitan Region, Chile*

Worked in a collaborative team, contributing to two complex projects.

- Frontend was developed using Next.js (React.js) utilizing CSS frameworks like tailwind and styled components and Material UI.
- Worked in multiple backends microservices, utilizing NodeJS, Golang, Ruby on Rails, and Django.
- Containerisation was implemented on every step utilizing Docker and Docker Compose.
- Created and integrated with REST API. The ones created where hosted in AWS Lambda functions.
- Helped with the desing of relational and non relational databases.
- Utilized Kafka to manage the processing of documents asyncronously.

Software Engineer   Jun 2022 - Dec 2022

Sandiman S.A. | *Estación Central, Región Metropolitana de Santiago, Chile*

Professional Internship: Design and development of a telecontrol project for an AUBO robotic arm.

- Creation of a graphical interface in Qt to visualize and manipulate the robot.
- Utilization of 2 security cameras with RTCP protocol to visualize the robot.
- Control of the robotic arm using keyboard, interface, or DS4 controller.
- Programming the project in C++ and Python languages.

Software Developer   May 2022 - Jun 2022

Go-ex | *Santiago, Chile.*

Freelance Project: Development of a "Put to Light" MVP.

- Programed a Raspberry PI in Python.
- Implemented QR readers and smart bulbs.
- Reduced the sorting time from 3 hours to just 20 minutes.

Core Skills

ReactJS, Tailwind, Jira, Technical Staff Management, GitFlow, Golang, JavaScript, Ruby on Rails, Tailwind CSS, styled-components, Next.js, Django, PostgreSQL, TypeScript, AWS, API, Software Development, AWS Cloud, Agile Software Development, Docker, EC2, ReactJS, SQL, MongoDB, Express.js, API Gateway, Continuous Testing, Kafka, NodeJS, Selenium, Ubuntu, Back-End Development, C, C++

Education

Pontificia Universidad Católica de Chile   Mar 2017 - May 2023

Bachelor's degree Computer Science and Software Engineering