

Alexander Filsecker

Full Stack Engineer

alexfilsecker@gmail.com

<https://www.linkedin.com/in/alexander-filsecker-4a961412a>

<https://github.com/alexfilsecker>

405241772

Bondi, NSW, 2026, Australia

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 communicate, driving system improvements. Successfully led a team of three developers and a DevOps, implementing efficient workflows with Jira and Git flow. Fostered a collaborative and inclusive environment, maintaining high technical standards.

- Implementation of CI/CD systems in Bitbucket and Gitlab.
- Managed EC2 machines in AWS Cloud.
- Managed the Atlassian suite accounts (Jira, Confluence and Bitbucket)
- Assisted in the creation of Software Documentation in Confluence.
- Implemented new features and debugged issues in various Production Environments.
- Worked on a team responsible for implementing cutting edge technologies in the development of new software solutions
- Implemented and maintained Automation Testing procedures to ensure software functionality and performance
- Performed regular code review to the code base to ensure adherence to best practices and maintain superior coding standards
- Translated complex technical requirements into functional software designs, leading to successful project completion

Full Stack 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 Bootstrap.
- Backends were written in Typescript, utilizing NodeJS as engine and Express.js as framework. There was another one written in Python, utilizing the Django framework.
- Containerisation was implemented on every step utilizing Docker and Docker Compose.
- Created and integrated with REST API. The ones created were hosted in AWS Lambda functions.
- Helped with the design of the relational database utilizing SQL
- Implemented Continuous Testing in software development process to ensure quality and timely delivery of products
- Utilized Kafka to manage the processing of documents asynchronously.
- Utilized Modular Software Design techniques to improve code readability and reuse across multiple projects
- Implemented JSON Web Token (JWT) as authorization mechanism.

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](#)

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

React.js, Tailwind, Jira, Technical Staff Management, Software Infrastructure, GitFlow, Golang, JavaScript, Ruby on Rails, Tailwind CSS, Next.js, Django, PostgreSQL, TypeScript, AWS, API, Software Development, Agile Software Development, Docker, EC2, ReactJS, Java, SQL, MongoDB, Express.js, MySQL, API Gateway, Continuous Testing, Kafka, NodeJS, Selenium, Ubuntu, Learn New Skills, AI, Coding Languages, Back-End Development, Mobile Apps, Machine Learning, Information Retrieval, Search Engine, Commitment, Flexibility, Self-Motivated, C, C++, Cultural Identity, Babel, Webpack, NPM, JSON Web Token

Education

Pontificia Universidad Católica de Chile

Mar 2017 - May 2023

Bachelor's degree Computer Science and Software Engineering