DAVID PIZARRO | RESUME

Computer Science and Engineering Student

Languages: Spanish (native), English (advanced)
Fields: Backend Development, DevOps, Systems Administration, Webmaster
Technologies: NestJS, Flask, Git, GitLab, WordPress, PostgreSQL, Docker, Linux
Soft Skills: Teamwork, Problem Solving, Leadership

La Serena, Chile
www.pizarro.info
david@pizarro.info
+56 9 6583 9456

Summary

I am a fourth-year Computer Science and Engineering student with over eight years of experience in systems administration and web solutions for SMEs. I actively participate in free software projects, notably in Parabola GNU/Linux-libre, where I have experience in software packaging and maintenance, as well as writing technical documentation.

Experience

Webmaster - Equipo Clave Chile   2023 - present

· Construction and maintenance of a WordPress website, built with Elementor

Systems Administrator / Webmaster - Energías Chilenas SpA   2023 - present

· Construction of a WordPress website with Elementor
· Virtual user email system with Postfix, Dovecot, and PostgreSQL
· SSL/TLS with Let's Encrypt
· Protection against attacks with fail2ban

Systems Administrator / Web Design - Ingeniería y Evolución SpA   2020 - 2022

· Design of a static website with Bootstrap
· Secure email server with fail2ban and Let's Encrypt certificate

Systems Administrator - Desarrollo Eficiente SpA   2017 - 2022

· Setup of email services with Postfix and Dovecot
· Roundcube Webmail running with Apache and PostgreSQL

Speaker / Organizer - FLISoL Iquique (UNAP)   2017

· Installation of GNU/Linux on personal computers
· Training talk on installing GNU/Linux on Banana Pi M1
· Organization of activities with UNAP's CEAL of Computer Science

Developer / Packager - Parabola GNU/Linux-libre Project   2016 - present

· Maintenance of OpenRC packages and kernels
· Implementation of ISO images with OpenRC
· Improvements and translations of official documentation

Education

Bachelor of Science in Engineering - Universidad Católica del Norte   2021 - present

· Development of an eCommerce platform using a backend with microservices in Go/TypeScript and API gateway in NestJS (Software Integration Project, 2023)
· Desktop application in Python for student attendance tracking with facial recognition support (Software Engineering Project A+S, 2023)
· Medical appointment platform developed in GitLab, implemented a CI/CD pipeline for building and publishing Docker images (Platform Integration Project, 2024)
· Participation in a collaborative project with Shibaura Institute of Technology
· Semi-automatic pipeline for answering research questions.