AXEL KARJALAINEN

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INTRODUCTION

I'm an experienced full-stack developer, Linux admin and student capable of working with numerous technologies which may or may not appear in the table below. Please contact me if you have any questions. I can learn new frameworks in a matter of days and I love doing backend work with Rust. For frontend Svelte or React with TypeScript is my go-to. Currently I am experimenting with using NixOS as a server and daily driver distro. If you need my phone number, please contact me about it.

EDUCATION

Scala Programming 1 MOOC   5 ECTS
Aalto University
Fall 2021

LANGUAGES

Finnish	Native Speaker
English	Fluent
Swedish	Beginner

WORK EXPERIENCE

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TECHNICAL SKILLS

Miscallaneous	Searching for information online, web development
DevOps	Vim, **CI/CD** using GitHub Actions, advanced Git, **Docker**, **Nix**
System admin	Linux admin, **Proxmox VE**, **Docker**, Nginx, **SystemD**, Postfix, **NixOS**
Databases	MongoDB, **PostgreSQL**, Redis, SQLite
Frontend	**React**, Next.js, Astro, **Svelte**, **Flutter**, **Jetpack Compose**, **Iced**, PyGTK, Tauri
Backend	Actix, **Express.js**, **FastAPI**, Flask, Rocket.rs, **Axum**
Languages	**Shell script**, JavaScript/TypeScript, Python, **Rust**, Dart, Scala, Java, Kotlin, *basic* C, Lua
DBMS	MongoDB, PostgreSQL, Redis, SQLite
Visual Design	Blender, Inkscape, GIMP, SVG, Adobe Illustrator, Adobe Photoshop, Adobe Premiere Pro
Engineering	OpenSCAD, Fusion 360, LightBurn, Raspberry Pi Zero
Linux distros	Arch Linux, Debian, Ubuntu, Alpine, openSUSE, Gentoo, **NixOS**
Embedded	**ESP32**, Attiny88, Android, Arduino, **Raspberry Pi**

PROJECTS

axka.fi[1]   Bash, HTML, CSS, Nix
My personal website is based on a NixOS configuration. It has a mail server, a CGit server and various NGINX virtual hosts for projects.
I may open-source the configuration files in the near future

Huhuu[2] (repository unmaintained)   Bash, TypeScript, Astro, HTML, CSS, Markdown
New website for Kulosaari Secondary School's newspaper, Huhuu.
The old site was built using Wix and had UI/UX issues.

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[1] https://axka.fi
[2] https://github.com/axelkar/huhuu-monorepo, https://huhuu.axka.fi