Juha Ala-Rantala

Determined software developer and designer with solution-focused attitude

EXPERIENCE

Software Designer · Prima Power / Finn-Power Oy

APRIL 2018 - NOVEMBER 2022

- **Designed and** implemented several internal tools, which improved the testing processes and hastened problem-solving
- **Developed and** maintained the company's main software product, a machine and production line control application, used by nearly every customer
- **Further developed** the machine and program parametrization application to speed up the installation and startup of machines at customer sites

EDUCATION

M.Eng. in Information Technology · University of Tampere

SEPTEMBER 2023 - PRESENT

- **My master's** studies focus on the design and implementation of information-based web applications
- **The studies** cover large scale systems, management and development of software production processes
- **The study** program is researched and designed to meet the needs of businesses

B.Eng. in Information Technology · Seinäjoki University of Applied Sciences

SEPTEMBER 2015 - MAY 2019

- **My studies** focused on programming and application development with various programming languages
- **Alongside my** studies I developed mobile applications to facilitate studying for myself and my peers, including a timetable, restaurant menu, student cafe and study registry applications
- **Graduated** with a weighted average of 4.24 and received the highest grade of 5 for my thesis (both on the scale of 0-5)

PROJECTS

Staff Restaurant Menu Application

https://github.com/Koodattu/lunch-menu-app

- **Full-stack** menu application for staff restaurant and company employees
- **Cross-platform** mobile application with Flutter and Dart
- **Server** application in Java with Spring Boot and PostgreSQL

Digital Portfolio

https://ala-ranta.la

- **Personal website** with detailed information about work experiences, education and projects
- **The site** is written with pure HTML, CSS and JavaScript, hosted on Github Pages and static content generated with Jekyll

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Contact

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PROFILE

Open-minded individual who enjoys working on diverse software projects and team environments

My goal is to become a versatile expert, who is proficient in all areas of software development

My native language is Finnish and I am fluent in English as a second language

EXPERTISE

Experience working with Microsoft technologies, especially in implementing desktop applications

Through personal projects, gained experience in developing mobile and server applications

Experience in presenting and producing videos though content creation

TECHNOLOGIES

Programming and markup languages
C# · Java · Python · Dart · HTML · CSS · JavaScript · SQL · C++

Frotnend and user interface
.NET · WPF · WinForms · Flutter

Servers and databases
Spring Boot · ASP.NET Web API · NodeJS · PostgreSQL · MongoDB

Tools and others
Visual Studio · Git · SVN · Jira · Postman · Photoshop · Unity