



ALBERT DÖMÖTÖR

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WORK EXPERIENCE

July 2024 –
January 2025

FULL STACK DEVELOPER – RESEARCH ASSISTANT DigiTwin Lab – Aalto University

- Built web-based applications to aid the design, analysis, and optimization of powertrains
- Implemented backend features to conduct rotordynamic analysis
- Collaborated with domain experts to optimize powertrain design processes
- **Utilized:** Node.js, SvelteKit, TypeScript, Python, Google Cloud

June 2023 –
October 2023

FULLSTACK SOFTWARE DEVELOPER TRAINEE AIContentfy

- Implemented multiple frontend features to drive user engagement
- Built reports feature to the platform making content performance easy to track
- Made changes to the backend and API to boost efficiency
- **Utilized:** Node.js, React, MongoDB, Express.js, TypeScript, Google Cloud APIs

EDUCATION

September 2022 –

BACHELOR OF SCIENCE IN TECHNOLOGY, DIGITAL SYSTEMS AND DESIGN Aalto University

SOFTWARE PROJECTS ([PORTFOLIO](#))

WALL-B

ROBOT EMPLOYING LANGUAGE MODEL BASED TASK PLANNING

- Developing an indoor robot designed to complete tasks based on natural language input
- Employing a novel framework for large language model-based planning
- **Utilized:** Python, Llama, BLIP-2

MARVIN ([GITHUB](#))

AUTOMATED TRADING BOT FOR TRADING CRYPTOCURRENCIES

- Built a trading bot to daytrade stablecoins
- Used concurrent programming and WebSocket APIs to handle events instantaneously
- **Utilized:** Python, Google Cloud, Docker

SKILLS

Programming skills:

- Working knowledge: React, MongoDB, Express.js, Python, TypeScript, JavaScript, Node.js, HTML/CSS, Git, Svelte
- Basic knowledge: Next.js, Tailwind CSS, C, C++, Docker, PHP, Google Cloud, Scala, Bash

Language skills:

- English (C1), Hungarian (native), Finnish (A1)

Other skills and qualifications:

- Scrum methodology, Graphic design, UI design, Figma, Microsoft Office, WordPress, WooCommerce, Video editing, Driver's license