

Arttu Heikkinen

Software Developer & Test Automation Engineer

Oulu, Finland
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Full stack developer with a strong focus on automation, backend systems, and testing. Skilled in TypeScript, JavaScript, Python, Django, and Robot Framework, with professional experience building automated systems and backend services. Passionate about solving complex problems and delivering clean, reliable solutions that serve real user needs.

A collaborative, adaptable, and kind team player who works confidently both independently and in groups. Experienced AI user who integrates tools like ChatGPT, GitHub Copilot, and Warp into daily workflows to accelerate development, enhance code quality, and solve complex problems with speed and precision.

Key Competencies

Languages	TypeScript, Python, JavaScript, C#, HTML/CSS
Frameworks	React, Django, Next.js
Testing & Automation	Robot Framework, Selenium, GitHub Actions, CI/CD
Backend & Databases	MySQL, MongoDB, REST APIs, SFTP
DevOps & Cloud	Azure, Docker, Cloudflare
Tools & Platforms	ChatGPT, Warp, GitHub Copilot, macOS, Linux, Windows

Experience

03.2026 – 04.2026 Personal Portfolio Website

Built a personal portfolio using TypeScript and Next.js.

Tools: TypeScript, Next.js, CSS, HTML, Cloudflare

05.2025 – 09.2025 Cloudamite Oy & Talenom Oyj – Software Developer & Tester

Built automated payroll features integrating Cloudamite's system with Talenom via SFTP. Developed categorized CSV export, Edenred Excel enrichment, and full workflow automation with error handling. Created Robot Framework tests verifying SFTP delivery on GitHub PRs.

Tools: TypeScript, Node.js, Robot Framework, Docker, GitHub Actions, Azure, SFTP

09.2024 – 01.2025 Cloudamite Oy – Software Developer

Developed a serverless Gigs Bot that scrapes gig sites and posts to Slack. Bot includes reaction handling and multi-site support.

Tools: TypeScript, Cloudflare Workers, Wrangler, Slack API

12.2024 – 05.2025 Targetor Oy – Software Developer & Tester

Enhanced Targetor Pro's backend with automated SFTP transfers and robust error handling. Improved system reliability, optimized queries, and collaborated on performance upgrades.

Tools: Python, Django, MySQL, SFTP

07.2023 – 09.2024 Targetor Oy – Test & Migration Engineer

Worked on modernizing legacy code and updating dependencies to improve security, performance, and maintainability. Contributed to the migration of Targetor Pro to a safer and more current Python environment. Built automated tests using Robot Framework and Selenium, and enhanced system reliability.

Tools: Python, Django, MySQL, Robot Framework, SSH, Git, Linux

2023 Cloudamite Oy – Software Tester, Trainee

Created automated tests for Clouddareport using Robot Framework and Python. Integrated GitHub pipeline and custom environments.

Tools: Robot Framework, Python, GitHub, YML

Libraries: Selenium, Process, OperatingSystem, ExcelLibrary, BuiltIn

2022 Cloudamite Oy – Software Developer, Trainee

Added features to Clouddareport using TypeScript and Next.js. Managed MongoDB via Docker. **Tools:** TypeScript, React, Next.js, Node.js, MongoDB

2022 Whatevergroup Oy – Software Developer & Designer

Designed and built a map app featured in ViaPlay's Korvessa kulkevi using JavaScript, HTML, and CSS. **Tools:** JavaScript, HTML, CSS

Design: Figma, Adobe Photoshop

Education

BBA, Degree Programme in Business Information Systems,

Oulu University of Applied Sciences, 2020-2023

Matriculation Exam

Siikajoen lukio, 2017-2020

Projects

2026 Personal Portfolio Website

2024 Vihannin Härkäjuhlat - Branding materials for event

2023 Visim Physics - Branding materials and visual design

2023 PC Game Demo - Thesis project using Unity and C#

2022 Oulu Game Lab - Team-based mobile game development with Unity; released on Google

Play **2021 Haltiapu** - Co-developed WordPress site for yoga studio

Languages

Finnish: native

English: fluent

Swedish: limited working proficiency

Spanish: beginner

Hobbies

Strength training, cooking, cycling, digital and traditional drawing, video games, music