

SAMI PAANANEN

SOFTWARE DEVELOPER



PROFILE

Specializing in Next.js, React, and TypeScript. Strong foundation in backend development using Node.js and Python. Experienced with cloud platforms such as AWS, Vercel, and Google Cloud. Demonstrates excellent problem-solving abilities combined with strong soft skills, making collaboration and communication seamless in diverse teams.

Currently in the final stages of my studies to become a Software Engineer

CONTACT

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SKILLS

Next.js

React

TypeScript

JavaScript

HTML5

CSS3

Python3

Node.js

GIT

SQL

MongoDB

Scrum

CERTIFICATES

- Web Dev Simplified, React Beginner 02/2024
- Web Dev Simplified, React Advanced 04/2024
- Web Dev Simplified, Next.js 06/2024
- Data analysis with Python 6/2024
- Data Visualization 6/7 2024

EDUCATION BACKGROUND

High school graduate (2003)

Hyvinkään yhteiskoulun lukio

Bachelor of Engineering (2022-2025)

Metropolia University of Applied Sciences

WORK EXPERIENCE

Grader operator

YIT / Asfalttikallio | 2019 - 2022

- This was my last position where I realized I needed new challenges, which my current work didn't provide. So, I embarked on an academic journey to become a proficient full-stack software engineer.

Grader operator

Katu-Karhu Oy | 2009 - 2019

- Working as a grader operator taught me everything about precision, hard work, long hours, and working under pressure.

COURSES

Amazon Cloud Foundation, Metropolia UAS

<https://opinto-opas.metropolia.fi/realization/108972?lang=en>

- Amazon Cloud Foundation is an AWS Academy curriculum designed to help students develop technical expertise in cloud computing.

Artificial Intelligence with Python, Metropolia UAS

<https://campusonline.fi/en/course/artificial-intelligence-with-python/>

- Basic techniques to manifest artificial intelligence using Python Programming Language in practise.

Advanced Django, Codio

<https://www.codio.com/resources/advanced-django>

- Everything from the architecting of large web development projects, to the Django REST framework, to task queuing.

Data Analysis with Python, FreeCodeCamp

<https://www.freecodecamp.org/learn/data-analysis-with-python/>

- Fundamentals of data analysis with Python. Usage of libraries like Numpy, Pandas, Matplotlib, and Seaborn to process and visualize data.

Data Structures and Algorithms, Metropolia UAS

<https://campusonline.fi/en/course/data-structures-and-algorithms-with-python/>

- Most common data structures and key algorithms used in data processing. Practical feel for the design and computational complexity of algorithms.

Data Visualization, FreeCodeCamp

<https://www.freecodecamp.org/learn/data-visualization/>

- Charts, graphs, and maps to present different types of data

Ethical Hacking, Cisco

<https://www.netacad.com/courses/ethical-hacker?courseLang=en-US>

- Solid understanding of offensive security. The art of scoping, executing, and reporting on vulnerability assessments and recommendation of mitigation strategies.

Google Cloud Computing Fundamentals, Google

https://www.cloudskillsboost.google/course_templates/153

- Computing fundamentals, Infrastructure, Networking and security, Data, ML and AI in cloud.

Responsive Web Design, FreeCodeCamp

<https://www.freecodecamp.org/learn/2022/responsive-web-design/>

- HTML, CSS, CSS variables, Accessibility, Responsiveness

User-centered Design, Metropolia UAS

<https://opinto-opas.metropolia.fi/realization/115185?lang=en>

- Structure and use of the most common graphical UIs. Components of usability and the standards that define usability. UI usability evaluation.