

SAMI PAANANEN

JUNIOR FULL-STACK DEVELOPER



PROFILE

A career transitioner who has fallen in love with software development, currently a third-year Information Technology Engineering student in the final stages of my studies (200/240 ECTS). Equipped with well-established problem-solving abilities and strong soft skills.

CONTACT

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SKILLS

React

Next.js

TypeScript

JavaScript

HTML5

CSS3

Python3

Java

Node.js

SQL

MongoDB

GIT

AWS

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 5cr

- Amazon Cloud Foundation is an AWS Academy curriculum designed to help students develop technical expertise in cloud computing. Upon a successful completion of the course, participants will know the basics of cloud computing, can identify global infrastructure components of cloud computing and knows the basics of implementation and architecture of public cloud computing

Artificial Intelligence with Python 3cr

- After completing a course, student has learned what are the basic techniques to manifest artificial intelligence using Python Programming Language in practise.

Advanced Django 5cr

- Django was developed in a fast-paced newsroom environment, it was designed to make common web development tasks fast and easy. After taking this course, student have learnt basics of Django and is able to use it in her/his web development work.

Data Analysis with Python 10cr

- Learning outcomes of the course: After completing the course, student will learn the fundamentals of data analysis with Python. Student will know how to read data from sources like CSVs and SQL, and how to use libraries like Numpy, Pandas, Matplotlib, and Seaborn to process and visualize data.

Data Structures and Algorithms 5cr

- The student is familiar with the most common data structures and some of the key algorithms used in data processing. The student has a practical feel for the design and computational complexity of algorithms. In addition, the student is familiar with the ready-made data structure implementations offered by libraries in one of the programming languages.

Data Visualization 10cr

- Learning outcomes of the course: After completing the course, student will learn how to build charts, graphs, and maps to present different types of data with the D3.js library. Student will learn also Javascript Object Notation (JSON) and how to use data online using an Application Programming Interface (API).

Ethical Hacking 5cr

- After completing this course, learners can enter cybersecurity careers, either on the offensive security side as ethical hackers or penetration testers, or on the defensive security side by understanding the mindset and tactics of threat actors, while implementing security controls and monitoring, analyzing, and responding to current security threats.

Google Cloud Computing Fundamentals 6cr

- This course enables learners to develop technical proficiency in cloud computing and launch or pivot to careers in a cloud-first world. It's an ideal foundation for diverse career paths including those in IT infrastructure, data analytics, cloud-native application development, and business.

Responsive Web Design 10cr

- Learning outcomes of the course: Student will learn the languages that developers use to build webpages: HTML (Hypertext Markup Language) for content, and CSS (Cascading Style Sheets) for design.

User-centered Design 5cr

- After completing the course, the student knows the structure and use of the most common graphical user interfaces. The student understands what the user experience consists of, knows the components of usability and the standards that define usability. The student is able to evaluate the usability of the user interface.