



Stephen Swanson

Junior Software Developer

Details

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Links

Portfolio
<https://www.swansondev.me/>

GitHub
<https://github.com/YB-BigSwan>

LinkedIn
<https://www.linkedin.com/in/stephen-swanson-h/>

Technical Skills

Programming Languages

JavaScript, TypeScript, Java, C#, Python, C++, SQL, HTML, CSS

Frontend Development

React, Next.js, React Native, Blazor, Tailwind CSS, MaterialUI, Leaflet

Backend Development

Node.js, Express, Morgan, Spring (Maven), .NET, Google Cloud Platform, REST API

Databases

MySQL, MariaDB, PostgreSQL, MongoDB, DBeaver, TablePlus

Testing & CI/CD

Jest, Cypress, JUnit, Postman, GitHub Actions, GitLab CI/CD

Skills

Agile development, Scrum, UX/UI Design, Teamwork, Communication, Problem-solving, Adaptability, Creativity, Critical thinking

Languages

English (Native)
Finnish (B1)

Hobbies

Gaming, Playing/making music, Cycling, Hiking, Cooking

Professional Summary

A recent graduate with a BBA in Business Information Technology specializing in software development. Experienced in developing responsive websites, IoT solutions, and mobile applications, with a strong foundation in Agile methodologies. Excited to learn from senior developers, collaborate with team members, and rapidly adapt to new technologies. Key projects include leading the development of modern websites and full-stack administrative tools that enhance user experience and operational efficiency.

Work Experience

Volunteer Software Developer | Satakuntalainen Osakunta, Helsinki, FI (01/2024 – present)

- Led the development of a new, modern, and responsive website for the organization, improving user engagement.
- Maintained a legacy Django website and Telegram/Email bots to ensure effective online communication between a network of over 350 people.
- Oversaw development of IoT solutions such as a sauna capacity monitor.

Software Developer | Career Transition, Helsinki, FI (12/2019 – 01/2024)

- Played a key role in the design and development of a full-stack administrative tool for the Sibelius Academy, reducing manual admin tasks by ~79%.
- Participated in hackathons, including the 2023 BRIDG3 24Hack (category winner) where our team won by creating a full-stack course rating system for the University of Tampere in 24 hours.

Sales Associate | Men's Warehouse, Salt Lake City, UT, USA (01/2019 – 10/2019)

- Established and meticulously maintained customer accounts, ensuring personalized service, and fostering long-term relationships.

Therapeutic Mentor | Rite of Passage RTC, Logan, UT, USA (01/2018 – 1/2019)

- Orchestrated comprehensive training sessions for staff, ensuring a high level of competence and proficiency in CPR, First Aid, and Safe Crisis Management.

Education and Certifications

BBA Business Information Technology | Haaga-Helia UAS, Helsinki, FI (2024)

- Major:** Software Development
- Notable Projects:** Full-stack administrative tool for the Sibelius Academy and a home air quality monitoring tool with webapp and HVAC unit integration.
- Relevant Coursework:** Project Management, Software Development Technologies, Java Programming, Python Programming, JavaScript Programming, Backend Development, Frontend Development, Mobile Programming, Databases and Database Management Systems, IoT experimental project (Air Quality), Software development project (Sibelius Academy).

B1 Finnish Language certification | Finnish Integration Program, Helsinki, Finland (2021)

- Acquired a B1 Finnish language certification.

BS Psychology | Utah State University, Logan, UT, USA (2018)

Projects

New Satakuntalainen Osakunta Website | Lead Developer and Project Manager

- Led the development of a new website for the Satakuntalainen Osakunta.
- Utilized Next.js, TypeScript, Firebase, DirectusCMS, and Google Cloud Platform.

Full-Stack Administrative Tool for Sibelius Academy | Full-Stack Developer

- Collaborated in a team to design and implement a tool to streamline administrative workflows. Participated in code reviews to acquire feedback.
- Utilized TypeScript, React, Material UI, Express, Node, Winston, and MariaDB within Agile methodologies (Scrum).

IoT Air Quality Monitor and Control System | Personal Project

- Created an ESP32-based air quality monitoring and control system including a webapp and HVAC integration for remote monitoring and control.
- Utilized C++, TypeScript, React, Node, Express, and Google Cloud Platform.