



DANIEL STAFFORD

FULL STACK DEVELOPER & CONSULTANT

PORTFOLIO

LINKEDIN

GITHUB

LANGUAGES

- English - Native
- Finnish - Fluent

EXTRACURRICULAR ACTIVITIES

- 1st place prize in the We Foundation and Integrify 3-day remote hackathon on how to connect local communities remotely, Team Lead, and Presenter of "PicBook Mashup" (June 10-12, 2020).
- Full Stack Open, University of Helsinki, Completed 18-credit challenge, (September 2019 -December 2019).
- DigiEduHack: Emerging Technologies for Education (October 2019).

PROFILE

A Full Stack Developer, Co-Team Lead and Consultant with a highly diverse educational and professional background. Adaptable to numerous environments and knows how to hold his composure under any circumstances. A passionate communicator with a working level proficiency in Finnish. The combination of these traits makes Daniel a meaningful contribution to your team and delighting your clients.

RECENT PROJECTS

Prototype Web App for East-West Tech Solutions Oy

React.js, Redux, SCSS, Node.js, Express.js, Web Sockets, MySQL

As an Integrify consultant, provided guidance to a client on a prototype for a full stack web application.

Back-end Development of Integrify's Internal Student Management System

Node.js, NestJS, TypeORM, PostgreSQL, Jest, Docker, Github Hooks

Worked as a full-time Tech Lead and Scrum Master for this API, which included a team of 4 back-end developers. Also, worked closely with 2 front-end teams. The project started in May 2020 and is currently ongoing. Highlights of Daniel's accomplishments include setting up the CI/CD workflow with GitHub hooks, creating a cross-platform development environment with Docker, writing bash-scripts for e2e testing and pushing code upstream, working as a lead reviewer of pull requests, and contributing to nearly 50% of the codebase via new features, bug fixes. This is an ongoing internal project at Integrify.

Personal Portfolio

Gatsby.js

A personal website that includes demos of Daniel's favorite projects.

The Real Cost

MERN Stack (MongoDB, Express.js, React.js, Node.js)

A full-stack single page app, where users can create an account, log in, and track the frequency and per cost use of memberships/expenses. It's already encouraged me to use the gym more! Independently designed and built as part of the Full Stack Open course project at the University of Helsinki.

Commit-Count

Bash Script

A script that works inside any git repo. A user can see all git commit authors and their numbers of commits as well as search for specific authors.

Coffee-Bot

Google App Script

An automated bot that assigns coffee making duties to the work colleagues. Utilizes Google app scripting, Google sheets, and the Slack custom app API.

Aalto University Lunch Finder

Scala

A command-line interface application built with Scala, where users can view lunch menu options at student restaurants in Aalto University. Parses XML from RSS feeds to get real-time data. Developed independently while taking the Programming Studio 2 course at Aalto University.

SKILLS

Front end : CSS, HTML, Gatsby.js, JavaScript, Material-UI, React.js, Redux, SASS, TypeScript.

Back end: Express.js, GraphQL, NestJS, Node.js REST API.

Database: MongoDB, MySQL, PostgreSQL.

Testing: Jest.

DevOps: CircleCI, GitHub Actions, Shell Scripting, VIM.

Cloud: AWS, Terraform.

EXPERIENCE

Full Stack Developer

Integrify | Helsinki, Finland | January 2020 - Present

- Worked as a Consultant for East-West Tech Solutions Oy and provided guidance on a prototype for a full stack web application.
- Took the role of Team Lead or Co-Team Lead in numerous internal projects.

Registered Nurse

Meilahti University Hospital | Helsinki, Finland | January 2017 - October 2017

- Developed working level proficiency in spoken and written Finnish.

Foreign Affairs Consultant (Cyber Threat and International Security)

Booz Allen Hamilton / ABSc | Washington, DC, USA | December 2009 - March 2014

EDUCATION

B.Sc. in Data Science

Aalto University | Helsinki, Finland | September 2018 - Present

B.HC. in Nursing

Jyväskylä University of Applied Sciences (JAMK) | Jyväskylä, Finland | September 2014 - December 2016

B.A. in Latin

University of Oregon | Eugene, Oregon, USA | September 2003 - December 2008