

Erik Sanne

SOFTWARE ENGINEER

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Skills

Programming	Java, JS, Python, C#, SQL
Back-end	Spring-Boot, Express, Flask
Front-end	Vue.js, Vuetify, HTML5, CSS
DevOps	Git, Docker, Gradle, Jenkins, Netlify, Travis CI
Languages	English, German
Soft Skills	Agile Methodologies, Stakeholder Engagement, Numerical skills

Experience

Edinburgh Napier University

Remote, United Kingdom

PART-TIME DEMONSTRATOR

Sep. 2020 - Present

- Assisting with practical sessions for the Software Engineering 3 module
- Helping students with any questions or problems such as C# development

Skyscanner

Remote, United Kingdom

INTERN INSIGHT WEEK

Jul. 2020 - Jul. 2020

- Virtual insight week for interns who got accepted onto the Skyscanner summer internship program, which was sadly cancelled due to Covid-19
- Took part in a combination of engineering talks and discussions as well as personal development and employability insight sessions
- Expanded technical knowledge as well as further improved soft skills

MarketAxess

London, United Kingdom

BUSINESS ANALYST INTERN

Jun. 2019 - Aug. 2019

- Produced high-level and detailed business specifications for enhancements on the trading system
- Participated in Scrum as Product Owner, liaising with internal stakeholders such as Product Managers to discuss client needs and prioritizing enhancements for software developers
- Created financial models to offer better metrics to the sales team

Morgan Stanley

Glasgow, United Kingdom

INDUSTRIAL PLACEMENT APPLICATION DEVELOPMENT

Jun. 2018 - May. 2019

- Performance tuned a component within a market-leading trading system by rewriting Java and SQL code, increasing performance 70-80x which resolved associated production problems and relieved pressure on the operations team
- Collaborated across teams to lead the migration and enhancement of a software feature from Perl scripts to a new Java Spring Boot system, increasing revenue and retention of clients
- Built a new Java Spring Boot back-end application with RESTful API and Freemarker templating and integrated it into an Angular 6 front-end, enabling developers across the firm to start new projects with better project templates which reduced set up times and increased productivity
- Demonstrated excellent presentation skills at Campus Recruitment events, speaking to groups of 30-50 people about my experience and to promote Morgan Stanley internship and graduate opportunities

Projects

Personal Website

[Link](#) | [GitHub](#)

- Digital CV showcase for myself. The site is built with Vue.js and all content is dynamically fetched from a Prismic CMS.
- Experimented with various deployment flows such as Github Pages with Travis CI, deploying with Docker and currently Netlify.

Napier Module Directory

[Link](#) | [GitHub](#)

- A faster and more modern module directory than the one provided by the University. The Vue.js frontend provides filtering, search and sorting, and has a nice material design
- Data is scraped from the university's module directory, stored in Postgres and made available through a Hasura GraphQL API

Education

Edinburgh Napier University

Edinburgh, United Kingdom

BENG (HONS) SOFTWARE ENGINEERING

Sep. 2016 - Dec. 2020

- A wide variety of modules covering the analysis, design, development, testing, evaluation and modification of reliable, maintainable and high-quality software including real-time, mobile and large-scale enterprise systems.
- Course representative in 2nd year, collected feedback from peers and presented it to academic staff