

Erik Sanne

SOFTWARE ENGINEER

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Skills

| | |
|--------------------|--------------------------------------------------|
| Programming | Java, JavaScript, Python, C#, SQL |
| Back-end | Spring-Boot, Express.js, Flask |
| Front-end | Vue.js, Vuetify, HTML5, CSS |
| Databases | MongoDB, Postgres, MySQL/MariaDB, DB2, Sybase |
| DevOps | Git, Docker, Gradle, Jenkins, Netlify, Travis CI |
| Languages | English, German |

Experience

Edinburgh Napier University

Remote, United Kingdom

LAB 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

BEENG (HONS) SOFTWARE ENGINEERING (EXPECTED FIRST)

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