Erik **Sanne**

SOFTWARE ENGINEER

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Skills

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

Experience

Senacor Technologies AG — *Frankfurt am Main, Germany*
FULL-STACK DEVELOPER — *Feb. 2021 - Present*
- Developing software solutions for clients with various technology stacks
- Creating infrastructure components in AWS with infrastructure-as-code solutions such as Terraform

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

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

Education

Edinburgh Napier University — *Edinburgh, United Kingdom*
BENG (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