

Erik Sanne

SOFTWARE ENGINEER

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Skills

Programming	Golang, Python, Java, JavaScript, SQL
Databases	Postgres, MongoDB, MySQL, DB2
DevOps	Git, Docker, Gradle, Jenkins, Custom CI/CD
Cloud	GCP, AWS, RedHat OpenShift on Azure, Kubernetes, Argo, Terraform, Gruntworks
Languages	English, German

Experience

ESG Book

Frankfurt am Main, Germany

SOFTWARE ENGINEER III

May 2022 - Present

- Implementing ESG score methodologies in Python and Golang
- Managing CI/CD and infrastructure as code on GCP/Kubernetes
- Development and troubleshooting of delivery systems

Senacor Technologies AG

Frankfurt am Main, Germany

FULL-STACK DEVELOPER

Feb. 2021 - Apr. 2022

- Developed a near real-time event-driven data store on Azure with services in Java
- Created a new webhook service based on AWS Lambda, including Kafka integration and a subscription management REST-API
- Developed and took ownership of infrastructure-as-code components

Edinburgh Napier University

Remote, United Kingdom

LAB DEMONSTRATOR

Sep. 2020 - Dec. 2020

- Assisted with practical sessions for the Software Engineering 3 module by 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 of talks and discussions for interns who got accepted onto the Skyscanner summer internship program, which was sadly cancelled due to Covid-19

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 IN 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, resolving associated production problems
- Collaborated across teams to lead the migration and enhancement of a software feature from Perl scripts to a new Java Spring Boot system, directly increasing revenue and retention of clients
- Built a new project templating solution, enabling developers across the firm to start new projects with better project templates, reducing set up times and increasing productivity

Education

Edinburgh Napier University

Edinburgh, United Kingdom

BENG (HONS) SOFTWARE ENGINEERING (FIRST CLASS)

Sep. 2016 - Dec. 2020

- Studied 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.
- As programme representative, collected feedback from peers and presented it to academic staff