Erik **Sanne**

SOFTWARE ENGINEER

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Skills

Programming	Golang, Python, JavaScript, SQL, NoSQL
Back-end	gRPC, Kafka, Prometheus
Databases	Postgres, MongoDB, MySQL, DB2
DevOps	Git, Docker, Kubernetes, Gradle, Jenkins, Argo CI/CD
Cloud	GCP, AWS, RedHat OpenShift on Azure, Argo, Terraform, Gruntworks
Languages	English, German

Experience

Nextron Systems
Dietzenbach, Germany

SENIOR SOFTWARE ENGINEER — *Jun 2024 - Present*

- Feature development using Golang in the Asgard Management Center
- Modernizing the codebase and development practices

ESG Book
Frankfurt am Main, Germany

SOFTWARE ENGINEER III — *May 2022 - Jun 2024*

- Implemented ESG scoring strategies in Python and Golang
- Managed CI/CD and infrastructure as code on GCP/Kubernetes
- Developed and maintained data 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

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 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, increasing performance 70-80x, relieving maintenance pressure
- Collaborated across teams to lead a feature migration 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