**ERIK SANNE**

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**PROFESSIONAL OBJECTIVE**

Highly skilled and motivated Software Engineering undergraduate, with over one year of experience in professional software development, now seeking a dynamic opportunity in which to further expertise. Solid knowledge of the design, development and testing of computer software, with innovative problem-solving skills and proven attention to detail. Analytical with excellent critical reasoning, with a commitment to deliver quality performance and maintain professional excellence at all times.

**TECHNICAL SKILLS**

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| * Java, Spring Boot * C#, JS, Frameworks * C, C++, Python, Go, Bash * SQL, UML * Docker, Kubernetes | * Strong numerical skills * Bilingual in English and German * Agile, Scrum and Waterfall Methodologies * Stakeholder Engagement * Microsoft Excel, Word and PowerPoint |

**CORE COMPUTING / SOFTWARE DEVELOPMENT ACHIEVEMENTS**

* Using Java to improve performance by 70-80 times within a market leading trading system, resolving associated production problems which relieved pressure on the operations team (Morgan Stanley)
* Led the migration and enhancement of software feature from Perl scripts to a new Java Spring Boot system, bringing additional revenue to the company due to increased client interest (Morgan Stanley)
* Full stack project with Java, Python and JavaScript + Angular 6
* Enhancement of front end and middle ware components to add required functionality
* Building of new Java Spring Boot back-end application with RESTful API and Freemarker templating, enabling developers to start new projects with better templates, reducing set up times and increasing productivity
* Accustomed to using Agile and Waterfall methodologies in the workplace
* Built personal website eriksanne.com with JavaScript + VueJS, containerized with Docker
* Strong academic achievement at undergraduate level- with an expected 1st final result

**EDUCATION**

* **BEng (Hons) Software Engineering** (Edinburgh Napier University, 2016/Present)

Subjects include the analysis, design, development, testing, evaluation and modification of reliable, maintainable and high-quality software including real-time, mobile and large-scale enterprise systems.

* **A-levels in Maths, Further Maths and Economics** (Boston College, UK, 2014/2016)
* **IELTS Academic (8/10)** (Boston College, UK, 2016)
* **GCSE equivalent studies in 13 subjects** including Maths, German, English, French, Physics and Chemistry (Gymnasium Michelstadt Secondary School, Germany, 2011/2014)

**CAREER HISTORY**

**Jun 2019/Aug 2019 – Business Analyst Internship – MarketAxess Holdings Inc, London**

Summer internship based at international financial technology company.

* Gained thorough understanding of the MarketAxess trading platform
* Production of detailed business specifications for enhancements on trading system, with new features to meet client requirements
* Liaising with internal stakeholders such as Product Managers to discuss client needs
* Participation in Scrum as Product Owner, shadowing calls with external stakeholders
* Prioritising enhancements such as bug fixes and work items for software developers

**Jun 2018/May 2019 – Industrial Placement** **– Morgan Stanley, Glasgow**

Position based at leading American multinational investment bank and financial services company.

* Worked on Equity Swaps Trading and Morgan Stanley Development Environment projects

**Equity Swaps Trading**

* Conducted Business Analysis using Waterfall and Agile methodologies
* Developed features for market-leading trading system – performance tuning using Java and SQL
* Led migration and enhancement of a client feature from Perl to Java
* Database development, experiencing the full Software Development Lifecycle
* Effectively used technologies such as Java, Bash, Spring Boot, Ant-build, Ivy, Gradle, DB2, Sybase, Unix
* Led the design, migration and enhancement of a feature from Perl scripts to a new Java SpringBoot system, bringing additional revenue to the company due to client interest
* Collaborating across software teams and departments to build successful product
* Demonstrated excellent oral presentation skills at Morgan Stanley Campus Recruitment events, speaking to groups of 30-50 people to promote their internship opportunities

**MSDE – Morgan Stanley Development Environment**

* Created a project from scratch, demonstrating high levels of autonomy and responsibility
* Used SCRUM Agile methodology to ensure meticulous and efficient completion of project
* Full-stack software development using secure processes to ensure integrity
* Software configuration management
* Used Java, Spring Boot, Gradle, Python, JS + Angular 6

**May 2017/May 2018 –** **Product Specialist (Fraud Dept) –** **Sykes Enterprises, Edinburgh**

* Monitoring of customer transactions to identify suspicious activity including possible fraud
* Demonstrating strong understanding of client requirements, identifying and implementing appropriate actions to complete requests successfully
* Using database to analyse trends, presenting any inefficiency to stakeholder in order to reduce future losses
* Gathering evidence for customer audits, in accordance with strict GDPR procedures
* Reporting any suspected fraudulent activity in timely manner, in compliance with company policies and procedures

**HOBBIES & INTERESTS**

Listening to podcasts, programming and developing my expertise. I especially enjoy going to technology meetups and events. I am also a skilled Archer and was within the top 30 in Germany at the age of 15.

**REFERENCES AVAILABLE UPON REQUEST**