Filip Mellqvist

Stockholm, Sweden | 070 49 49 026 | filip_mellqvist@msn.com | LinkedIn

Summary

Full-stack Developer with 6 years of experience in software engineering, specializing in **C#**, **.NET**, **JavaScript**, and **SQL**. Proven track record in developing microservices solutions, leading Agile teams as a Scrum Master, and ensuring code quality through comprehensive testing strategies including **unit testing** and **automated testing** within CI/CD pipelines, complemented by experience in project management.

Skills

Languages & Frameworks: C#/.NET, JavaScript, React, SQL, Java, Python, Next.js, TypeScript

Technologies: MySQL, ASP.NET, MS Dynamics, Power Apps, Entity Framework, TailwindCSS, RESTful API, Docker, Kubernetes, Linux, Computer Vision (OpenCV)

Tools: JetBrains Rider, Visual Studio, GitHub, Azure Portal, Azure DevOps, Jira, Selenium

Testing: Unit Testing, Automated Testing (DevOps), UI Testing (Selenium)

Experience

RightHub Jan 2024 – Present

.NET Full-Stack Developer *Stockholm, Sweden*

- Full-stack development of the company's enterprise product using **Power Apps**, **C#/.NET**, and **JavaScript**, incorporating comprehensive **unit testing**.
- Managed the product for the European market as **project manager**, organizing meetings, handling requests, and working with customers.
- Developed a multi-tenant **.NET API** hosted on **Azure Cloud**, utilizing **Azure Storage Queues** for inter-app communication.
- Improved deployment processes through **DevOps** practices and setting up **automated test suites**.
- Validated front-end functionality by developing and maintaining **UI tests** with **Selenium**.

Ninetech Dec. 2021 – Dec. 2023

Software Engineer Roles *Karlstad, Sweden*

.NET Software Engineer - OBOS

- Developed microservices solutions for architects using **.NET Core**, **SQL**, **Vue3**, hosted on **DevOps Cloud**.
- Engineered and built multiple microservices components from scratch.
- Ensured code quality through rigorous **unit testing** practices.
- Implemented **automated testing** (DevOps CI/CD, tool integration) and **Selenium UI tests**.
- Enabled architects to instantly calculate material costs, saving **100+ hours** monthly.

.NET Software Engineer - SkiStar

- Contributed to the ongoing development and maintenance of the SkiStar platform utilizing **C#**, **SQL Server**, and **Entity Framework**.
- Played a key role in adapting and extending the platform's competition and challenge system, originally built for winter sports, to successfully incorporate summer activities.

AFRY/ÅF Aug. 2019 – Dec. 2021

Java Full-Stack Engineer / Consultant Roles *Karlstad, Sweden*

Java Full-Stack Engineer - Hertz

- Developed and maintained Hertz's multi-service solution, including the primary admin portal essential for managing Nordic car fleet services and rental operations by administrators and key personnel across the Nordic countries.
- Engineered the solution using **Java**, **Angular.js**, **Angular2**, and **SQL**, consistently applying rigorous **unit testing** practices to ensure high code quality and system reliability.
- Collaborated closely with the Norwegian product owner to drive product improvements and align development with business objectives for the Hertz platform.

- Contributed significantly to reshaping the team's operational structure and proactively assumed responsibilities as **Scrum Master** early in the engagement.

.NET/Azure Database Migrator - AFRY/ÅF Client Project

- Migrated a key client's enterprise data, encompassing both database and **Azure Blob Storage**, to a new, modernized Azure Environment, developing custom bash scripts and utilizing MS Storage Explorer.
- Architected and built a **.NET Core Console Application**, leveraged **bash scripting**, and **SQL** to orchestrate the secure and complete data transfer from the legacy Azure Environment to the new infrastructure. Implemented **unit tests** to verify data migration integrity and logic.

Projects

Automated License Plate Recognition System | *Bachelor's Thesis* Karlstad University

- Developed an automatic license plate recognition application using **Python** and OpenCV (computer vision) as part of a Bachelor's thesis.
- Implemented advanced image processing algorithms and optical character recognition (OCR) techniques to accurately extract and analyze license plate data from diverse vehicle images.
- Created and presented a functional proof-of-concept that successfully demonstrated the viability of automated license plate recognition for potential real-world traffic management or security applications.

Education

Karlstad University Karlstad, Sweden

Bachelor of Science in Computer Engineering *Sept. 2016 – Jun 2019*

- Coursework: Data Structures and Algorithms | Database Management Systems | Computer Engineering | C# Software Engineering | Advanced Language Structure | Mathematics for Computer Engineers