Sindre Alstad Wilting

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Experienced software engineer specializing in distributed systems and event driven architecture utilizing a rich toolset of programming languages and frameworks. Maintaining high code quality and standards based on pragmatism and principles. Focusing on the values that promotes continuous delivery and delivering value to the customer reliably

Senior Systems Developer - full time, *Stacc Quesnay*

AUGUST 2023 - PRESENT

- Building FinTech solutions in the domain of customer lifecycle management
- Upgrading old legacy system
- Improving current development routines and methodologies

Software Engineer - full time, *Veracity by DNV*

MARCH 2023 - JULY 2023

- Worked in a big, international, team on an event-driven microservices data platform product built using .NET, TypeScript React and Azure services
- Being involved in a cross-technical team focusing on improving our own standards, tools and processes
- Being involved in a separate team creating reusable software libraries in .NET that can be used across the whole DNV software development branch to speed up their project deliveries, improving their developer experience and code quality
- Helped the tech leads and architects on establishing good software engineering principles and best practices across the team
- Worked together with product delivery manager to improve how we approached agile methodologies and processes to further increase the team performance

OSS Platform Engineer - full time, *Dolittle*

JULY 2018 - FEBRUARY 2023

- Built an event-driven microservices platform from the ground up empowering digital transformation and enabling businesses to create new revenue streams by making use of business moments and utilize their ERP systems to their fullest
- Architected, spearheaded and developed from ground up a highly performant and scalable multi-tenant event sourcing engine on .NET utilizing actor framework for high-performance streaming and processing, MongoDB for the event store and gRPC as the high-performance low-latency interface empowering light-weight SDKs in both .NET and TypeScript
- SLA-bound hosting platform and support for multiple customers on top of our Kubernetes platform built on Azure AKS
- Responded promptly to customer issues, providing timely and effective support on operational and functional problems
- Been a central figure in the small, focused, R&D product team from the start of the company, building a performing agile team
- Cultivated a culture of DevOps, Continuous Delivery, and automated-testing, improving the release cycles with custom made Github actions and workflows
- Significantly decreased deployment friction, allowing for a quicker and more resilient service delivery to our customers

Software Developer Consultant - full time, *The Norwegian Red Cross*

APRIL 2018 - JUNE 2018

- Worked full time on the Red Cross CBS project described in "Volunteer Work"
- Promoted a DevOps-centric environment, automated code integration, deploy and testing with DevOps Pipelines and Docker
- Focused on ensuring good quality with code reviews and high quality code using event sourcing and CQRS
- Further developed the application by closely working on the domain with domain experts and other volunteer developers using Domain Driven Design principles

IT Analyst - Part time, *Nordkinn Asset Management*

MARCH 2018 – JUNE 2018

- Served as a Full-stack developer, database and application developer, utilizing .NET ecosystem, SQL, Entity framework and Angular 5 frontend using Typescript.
- Redesigned and improved the codebase building software engineering principles like SOLID and low coupling & high cohesion
- Integrated Swagger for documentation of REST interface and for easier interfacing with the controllers
- Introduced tools for dependency injection to reduce coupling in the code and to make the code easier to work with

VOLUNTEER WORK

Full Stack Developer — *Norwegian Red Cross*

FEBRUARY 2018 – DECEMBER 2019

- Contributed to an open-source project built using Domain Driven Design and event sourcing-based microservices and CQRS. Contribution was mainly done on hosted codeathons twice a year lasting the whole weekend
- Our focus was on saving human lives through an ambitious and innovative software- and hardware-solution
- Became early a part of the Core Tech Team overseeing the project and ensuring progress on the software by making sure every codeathon attendee could contribute
- Backend Development (C#, MongoDb, Event Sourcing)
  - Key contributor in a major refactoring process, significantly improving database performance
  - Played a crucial role designing the data flow and key features
  - Participated in event storming sessions further developing the domain and the bounded contexts
- Frontend Development (AngularJS, Typescript)
  - Enhanced visual data representation and improved performance by offloading work from client to server

EDUCATION

Bachelor's Degree Computer Science— *University of Oslo*

AUGUST 2015 - JUNE 2018

- Informatics: Programming and Networks
- Picked subjects focusing on algorithms and datastructures, computer architecture and programming languages
- 4,07 / 5.0 GPA