

# Erik Olsson

## Contact Information

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- **Location:** Stockholm, Sweden

## Links

- **Github:** <https://github.com/mangila>
- **Website:** <https://mangila.github.io/>
- **Credly:** <https://www.credly.com/users/erik-olsson.c4417a40>

## Professional Summary

I'm a "You build it, you run it." type of engineer, that most of the time takes on the whole chain of product development, from requirements gathering to deployment and maintenance.

Results-driven Software Engineer with 5+ years of experience in full-stack development, cloud infrastructure, and enterprise software solutions. Proven expertise in Java, Spring Boot, C#, .NET, React, Next.js, and modern cloud technologies including AWS, Azure, and Kubernetes. Strong background in agile methodologies, CI/CD implementation, and delivering scalable solutions for telecommunications, financial services, and consulting sectors.

## Professional Experience

### Open Source Contributor | Stockholm

#### August 2020—Present

Developing and maintaining open-source projects for the community.

- Maintaining and improving existing libraries and tools
- Contributing to documentation and tutorials
- Providing feedback and guidance on new features

### Software Engineer | Omegapoint, Stockholm

#### August 2024 - February 2025

Omegapoint is an IT consulting company specializing in IT security, providing enterprise solutions to companies across Sweden.

- Projects that included the whole organization
- Delivered technical presentations on gRPC and Golang to engineering teams, promoting knowledge sharing and best practices
- Developed and maintained cloud-based projects using modern DevOps practices
- Served as Scrum Master, agile ceremonies, and ensuring team productivity
- Enhanced technical proficiency in AWS, Golang, gRPC, and Kubernetes through continuous learning and hands-on implementation
- GitHub and Azure DevOps for version control and project management
- **Technologies:** C#, .NET, React, Next.js, Vite, Golang, Java, AWS, Kubernetes, gRPC, Terraform

### Forward Deployed Engineer | Tele2, Stockholm

#### January 2023 - August 2024

Tele2 is a leading telecommunications company providing services to Sweden and the Baltic countries.

Operated in the call-center department on greenfield and brownfield projects integrating with Avaya, Cisco, and Genesys Cloud platforms.

- Projects that include whole companies call-center operation

- Projects that include mission-critical government operations
- Engineered a scheduled job to consume media files from REST APIs and transfer to SFTP servers with OpenPGP end-to-end encryption and digital signing
- Built automated data pipelines that extracts SQL database records, transforms them to CSV format, and delivers to external REST APIs
- Developed REST API for real-time call-center status synchronization with administrative dashboard
- Created SOAP-based API for call-center queue management with customer-facing user interface
- Authored comprehensive unit and integration tests to ensure code quality and reliability
- Designed and implemented CI/CD pipelines for automated testing and deployment
- Deployed applications to on-premises Kubernetes clusters, dedicated servers, and AWS cloud infrastructure
- Collaborated effectively in agile, cross-functional teams using GitLab for version control
- **Technologies:** Java, Spring, C#, .NET, React, Golang, Kubernetes, AWS, MSQL, MongoDB

## **Software Engineer | Nordea, Stockholm**

### **November 2021 - January 2023**

Nordea is one of the largest financial services groups in Northern Europe, serving customers across the Nordic region.

Operated in the private banking department on multiple greenfield and brownfield projects.

- Projects that include ultra-high net-worth customers
- Developed scheduled jobs for data integration with Robotic Process Automation (RPA) systems
- Maintained and enhanced large-scale financial applications serving critical banking operations
- Designed and implemented new REST endpoints to support business requirements
- Managed library version upgrades and dependency management for enterprise applications
- Developed comprehensive unit and integration test suites to ensure application stability, future-proof, and security
- Maintained internal shared libraries used across multiple projects
- Performed code refactoring to improve maintainability and performance
- Created technical documentation for systems and processes
- Provided troubleshooting and support for production issues
- Built CI/CD pipelines for automated deployment to on-premises Kubernetes clusters
- Worked collaboratively in agile teams using Jira, Confluence, and Bitbucket
- **Technologies:** Java, Spring Boot, Kubernetes, MSSQL

## **Early Career | Various Locations**

### **2012 - 2020**

Before transitioning into software engineering, I gained valuable professional experience in IT support, testing, retail, and logistics.

- **IT-Tester:** Conducted manual testing to ensure software quality, identified bugs, and collaborated with developers to improve system reliability.
- **Technical Support:** Provided software troubleshooting and offered technical guidance to end-users.
- **Store Clerk:** Developed strong customer service skills, handled inventory management, and managed point-of-sale operations in high-paced retail environments.
- **Warehouse Worker:** Responsible for logistics, order fulfillment, and maintaining efficient warehouse operations, ensuring timely delivery and quality control.

## **Education**

### **Higher Vocational Degree in Java Developer**

*IT-Högskolan, Stockholm – 2018-2020*

- Specialized in Java programming and the Java ecosystem
- Completed coursework in web development using React.js and backend API integration
- Gained hands-on experience with full-stack development principles
- Internships at Försvarsmakten (Swedish Armed Forces) and Arportable AB

## Languages

- **Swedish:** Native
- **English:** Fluent

## Certifications

- **AWS Certified Cloud Practitioner** - Amazon Web Services, 2024
- **Oracle Certified Foundations Associate** - Oracle, 2019

## Side projects

- Ensure4j - <https://github.com/mangila/ensure4j> - Ensure your java code with preconditions checks