

# 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

### 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, MSQQL, 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 Artportable 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

## **Volunteering**

- Open source contributor
  - I have been contributing to open source with guides and hands-on projects.