

ERIK LARSSON

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EXPERIENCE

Software Developer

Burt Intelligence

Mar 2024 - Current
(Part-time, Summer Full-time)

- Maintaining and improving their ETL platform using Ruby, SQL and AWS.
- Developing and updating integrations within an Agile sprint workflow.
- Covering on-call shifts, responding to system failures, ensuring uptime, and keeping customers informed.

Software Developer

Göteborg Energi

Aug 2023 - Dec 2023
(Part-time)

- Continued the development of a stream-processing tool using Apache Flink and Kafka.
- Developed a commons library for current and future Flink projects.
- Troubleshooting of a Kubernetes cluster.

Systems Specialist

Göteborg Energi

Jun 2023 - Aug 2023 & Jun 2022 - Aug 2022
(Summer Intern)

- Developed a stream-processing tool using Apache Flink, Kafka, InfluxDB and Grafana.
- Developed neural network prototype for electricity load forecasting using Python.
- Managed and operated data collection systems for the electricity grid and district heating in Gothenburg.
- Debugged applications/services on Windows and RHEL servers as well as a Kubernetes cluster.

EDUCATION

Civilingenjör Informationsteknik:

Master's Degree in Computer Systems and Networks, Chalmers University of Technology

2023 - 2025

With a [Specialization in Security](#)

Thesis at Göteborg Energi: Complex Event Processing approach to recurring grid issues.

Bachelor's Degree in Software Engineering, Chalmers University of Technology

2020 - 2023

Thesis at Plejd: MicroGUI, tool for embedded GUIs.

PROJECTS

Coding projects

Developed and deployed small full-stack web applications using technologies like:

- Golang with Gin and WebAuthn.
- Java Spring Boot and React.
- PostgreSQL, Docker and Nginx.

Linux Servers

Custom built Linux servers

- Deployed and maintain a dozen dockerized applications (web, proxy, database). RAID and offsite storage.

SKILLS

Technical Skills

Java, Python, Go, Linux, Git, SQL, Docker, Kubernetes, React, Typescript, Javascript

Soft Skills

Agile, Problem solving, Collaboration

Languages

Swedish (Native), English (Professional)

Other

Driver's license