Max Netterberg

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EDUCATION

- **Uppsala University** — Uppsala, Sweden
  Masters in engineering, IT sociotechnical systems — *Aug. 2015 – Aug. 2021*

EXPERIENCE

- **Mevisio AB (Netlight)** — Stockholm, Sweden
  Project Lead & Backend Developer — *Jan. 2023 – Current*
  - **Customer Exellence**: Led the backend development of the Customer Excellence Tool, enhancing customer data analysis and providing actionable insights.
  - **Knowledge Hub**: Developed a Knowledge Hub for accessing essential documentation, improving user experience and streamlining operations for the SaaS platform.
  - **Mevisio Platform Enhancement**: Contributed to the Mevisio Platform by implementing new features and development improvements, driving ongoing platform growth and performance.
  - **CI/CD Pipeline Optimization**: Reduced the CI/CD pipeline time by 75%, significantly accelerating deployment processes and increasing development efficiency.

- **ABC Labs AB (Netlight)** — Stockholm, Sweden
  Backend Developer & DevOps Engineer, Tech Lead — *July. 2021 – Jan. 2023*
  - **LIMS Integration**: Integrated CareOS with three Laboratory Information Systems (LIMS) and healthcare platforms, automating sample orders and result reporting.
  - **Solution Design**: Collaborated with developers to design integration solutions, ensuring alignment with CareOS and laboratory requirements.
  - **End-to-End Responsibility**: Managed the full integration lifecycle, from requirement definition with product owners and the laboratory to development and deployment.
  - **Process Automation**: Enhanced laboratory efficiency by automating manual tasks and implementing sanity checks, reducing errors and improving turnaround times.
  - **Event-Driven Architecture**: Designed an event-driven system and implemented Node.js for seamless frontend/backend integration, accelerating feature delivery.
  - **Kubernetes Setup**: Created and managed Kubernetes manifests for staging and production environments, streamlining microservices deployment.
  - **Tech Leadership**: Mentored new developers, conducted interviews, and provided technical support, enhancing team efficiency and meeting project deadlines.
  - **System Scalability**: Improved CareOS platform architecture to support high-scale lab automation and faster sample turnaround.
  - **Rapid Feature Delivery**: Adapted to changing priorities, ensuring timely delivery of new features and maintaining high system performance.

- **Sun Labs Nordic AB** — Uppsala, Sweden
  Software Engineer — *July. 2020 – Mar. 2021*
  - **React Native Migration**: Led the migration of a React web application to a React Native mobile app, enabling access to native features like the camera and notifications. Added functionalities such as push notifications and QR code scanning.

- **Wines We Want SARL** — France
  Software Engineer — *Apr. 2020 – Dec. 2020*
  - **Website Modernization, Vue**: Redesigned the webshop's tech stack, transitioning from a monolithic PHP backend to a modular frontend/backend architecture. Developed a Vue.js single-page application with a RESTful API connected to a MySQL database
  - **API Design & Architecture**: Led the API design, ensuring smooth data flow between the backend and frontend. Delivered a new platform structure, enhancing feature scalability and improving customer experience.

- **Prorenata AB** — Stockholm, Slussen
  Software Engineer — *Jul. 2020 – Dec. 2020*

- **Playwright, E2E Testing**: Led the successful integration of a new end-to-end testing framework for Prorenata, enhancing their CI/CD pipeline and enabling test-driven development, while providing tailored solutions and collaborating closely with the frontend lead and QA team.

- **Cepheid AB** — Stockholm, Solna
  Software Engineer — *Feb. 2020 – Jul. 2020*
  - **Angular, Java Spring Boot**: Contributed to upgrading Cepheid's C360 system by porting it to the latest Angular version, integrating it with a Java Spring Boot API, and was highly valued for his teamwork, proactive approach, and knowledge sharing.

Programming Skills

- **Languages**: Typescript, Rust, Golang, Kotlin

- **Technologies**: AWS, React, Vue, Kafka, GCE, CQRS, gRPC, Websockets, Postgres, OIDC, Rest API, Docker, Kubernetes, Node.js, RabbitMQ, Redis, Terraform, Github, JIRA, React Native, Solid, Angular

Side Projects

- **Neon Programming language**: My own programming language. Github Link