Jakob Lind

Security & Identity Engineer

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SUMMARY

Engineer with 15+ years building secure, high-availability systems across banking, telecom, and payments. Core expertise in digital identity and security infrastructure — PKI, national eID integrations (BankID, NemID, Buypass), SAML-based SSO, and certificate management. Led teams at DnB and Telia. MSc from Chalmers University of Technology.

KEY SKILLS

Security & Identity: PKI, SAML/SSO, BankID, NemID, Buypass, eIDAS, Web Security, Certificates, Registration Authority

Engineering: TypeScript, Node.js, React, Java, AWS (Lambda, CDK, S3), Go, GraphQL, CI/CD, Docker, Linux

PROJECT EXPERIENCE

Senior Engineer · DnB, Oslo   2021 — 2024

Secure banking applications with strict security and stability requirements. Full-stack across infrastructure, backend, and frontend. AWS, CDK, Node.js, TypeScript, React.

Tech Lead & Senior Engineer · Telia, Oslo   2015 — 2021

Led multiple teams across enterprise and consumer products:

- **DaaS / One Portal (2020–21)** — Led Device-as-a-Service delivery for enterprise portal. Go, AWS, microfrontends, certificates.
- **Admin App B2B (2019–20)** — Built new enterprise admin app with Flutter. B2C later adopted Flutter based on our work.
- **Webshop B2B (2017–19)** — Rewrote B2B webshop from scratch. Clojure/ClojureScript, Gatsby, React, TypeScript, GraphQL.
- **Webshop B2C (2015–17)** — Led team of 5. Node/React/Redux on AWS. CI/CD, conversion optimization, high-load launches.

Frontend Developer · Statnett, Oslo   2014 — 2015

Developed frontend architecture standard (JS library, CSS templates, style guide) used across the organization.

Full-Stack Developer · Penger.no (Finn.no), Oslo   2013

Rewrote car insurance application to modern JavaScript. Conversion rate optimization.

Full-Stack Developer · Telenor Comoyo, Oslo   2012 — 2013

Implemented web client for SMS+ (send SMS from browser). JavaScript, Knockout.js.

Security Engineer · Nets, Oslo   2009 — 2012

Security-critical applications for Nordic digital identity infrastructure:

- **TrustIdent/TrustSign** — Integrated national eIDs (BankID, NemID, Buypass) in a SAML-based SSO solution designed and built from scratch.

- **Registration Authority** — Built the GUI for a key PKI module for certificate management.
- **NemID Self-Service** — Developed the Danish national eID self-service portal.

Technologies: PKI, SAML, Certificates, Java, Spring MVC, Oracle SQL, Hibernate.

EDUCATION

MSc Networks & Distributed Systems · Chalmers University of Technology, Göteborg · 2007 — 2009
BSc Information Technology · Chalmers University of Technology, Göteborg · 2004 — 2007

CERTIFICATIONS

GIAC Secure Software Programmer — Java (GSSP-JAVA)

LANGUAGES

Swedish (native) · English (fluent) · Norwegian (fluent)