

Silas Nevstad

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EXPERIENCE

- Firi** Oslo, Norway
Backend Developer Jul 2023 – Feb 2024
- Built and maintained Go services and SQL-backed data models for correctness-critical transaction flows in a regulated crypto exchange.
 - Debugged production incidents, profiled Go services and SQL queries, and designed type-safe data-access abstractions over a complex relational schema to improve observability and reduce risky changes.
 - Earned conversion from internship to paid part-time role, delivering production work alongside a full academic course load.
- Soler London** London, UK
Web Developer (Freelance) Feb 2026 – Apr 2026
- Redesigned and rebuilt key parts of Soler London's storefront, reworking core pages and developing new ones across the site.
 - Implemented custom commerce functionality for bespoke / made-to-order purchasing, appointment booking, fabric swatches, product configuration, filtering, and variant-linked behaviour.
 - Removed legacy page-builder dependencies and restructured the storefront to make it more consistent, maintainable, and easier to extend.

PROJECTS

- Sports Prediction CNN** | Python · PyTorch · Keras · scikit-learn 2023
- Built scraping and ETL pipelines for 20+ years of multi-league sports data, then trained CNN, LSTM, and ensemble models for score and outcome prediction.
 - Implemented a rigorous evaluation pipeline with season-based splits, leakage controls, and automated model comparison.
- WebPulse** | Go · PostgreSQL (TimescaleDB) · Redis · Next.js · Terraform 2024
- Built a web analytics platform for real-time sessions, pageviews, and events on a time-series architecture.
 - Implemented a high-throughput ingestion pipeline and TimescaleDB schema; owned API contracts, data modeling, migrations, instrumentation, and Terraform deployment.
 - Ensured ingestion correctness under retries/noisy clients via idempotency + deduplication keys, validation, backpressure, and retention/compression policies.
- Visual Studio Code GPT Extension** | JavaScript · Node.js 2023
- Built and open-sourced a VS Code extension enabling in-editor LLM workflows with configurable context modes, model selection, secure key storage, and robust error handling.
 - Adopted by 300,000+ developers (4.5/5 rating); actively maintained through feature requests, bug reports, and iterative releases.

EDUCATION

Northeastern University, Khoury College of Computer Sciences Boston, MA
Bachelor of Science in Computer Science, Concentration in AI Dec 2025

TECHNICAL SKILLS

Languages · Go, Python, SQL, Java, TypeScript
Backend & Infra · PostgreSQL, TimescaleDB, Redis, Docker, Kubernetes, Terraform, AWS, Google Cloud Run
ML & Data · PyTorch, Keras, scikit-learn, LLM APIs, scraping & ETL pipelines
Frontend · React, Next.js, JavaScript, HTML/CSS

Languages · English, German, Norwegian

Interests · Systems design, data & ML pipelines, Chess, Piano, Hockey