



# Roman Sirokov

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Haugesund, Norway

*Typescript, Javascript, React, Java, Dart, Flutter, Node.js, Python, Django, .NET, Spring, PostgreSQL, RabbitMQ, Redis, Docker, AWS, Apache Kafka, Terraform*

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## PROFESSIONAL EXPERIENCE

Lead Software Engineer - Next.js, NestJS, Azure | **DeepOcean** Sep 2025 - Present

- Architected a **single-tenant platform**, supporting multiple enterprise clients with isolated deployments.
- Provisioned Azure infrastructure using Terraform, designed for **compliance, availability, and durability**.
- Coordinated external security partners, including PwC, to perform **security reviews** and **penetration testing**.
- Provided **technical advisory support** to cross-disciplinary projects.
- Conducted technical interviews and contributed to hiring decisions for engineering roles.
- Actively participated in **business decision-making** and collaborated with key **stakeholders**.

Co-Founder, CTO - Flutter, Next.js, Django, AWS | **Dizconto** Jan 2020 - Dec 2025

- Engineered and scaled the core platform, integrating **30+ event producers** and **25+ brands** across 5 e-commerce platforms, synchronizing inventory for **5,000+ products**, and reaching **30k+ users**.
- Provisioned AWS infrastructure using Terraform, designed for **scalability**.
- Led the development team.
- Actively participated in strategic business decisions.
- Alumni & Team Leader at Start-up Chile's Ignite 6 program; **#1 accelerator in Latam**, top 10 worldwide.

Senior Software Engineer - Flutter & Node.js | **Turff** Jun 2022 - Aug 2025

- Led the development team, enabling millions of "turfs" annually (user-generated shares).
- Member of the company's **strategic leadership team**, alongside CEO & CTO.
- Conducted technical interviews and contributed to hiring decisions for engineering roles.
- Enforced performance standards in a Node.js backend, keeping **p95 <= 100ms**.
- Over 3 years, grew mobile app's weekly active users **by 475%** through iterative improvements to UX, performance, and feature set.
- Developed an in-house Point of Sale system for checkouts using mobile app via WebSockets.
- **Owned the end-to-end development** of a bill/receipt splitting feature, including backend greedy settlement algorithms and mobile app UX.

Java Developer - Vulnerability Graph Analysis | **TU Delft - FASTEN** Oct 2020 - Jan 2022

- Collaborated with PhDs in building a **large-scale and data-intensive Java application** for Maven vulnerability analysis.
- Analyzed over **100k+ Maven artifacts** in TU Delft's largest computer managed by **Kubernetes**.
- Developed the plugin to identify vulnerable call chains in transitive dependencies.
- Managed data ingress from pipeline plugins using **Apache Kafka**.
- Developed a React frontend to provide developers with insights into vulnerabilities in the dependencies.

.NET Developer - SAP ERP Integration | **Occator** Apr 2019 - Sep 2020

- Supported development of the frontend (React) and backend (Django) for OccaSee production planning software.
- Maintained and extended OccaJuice (.NET), a solution linking OccaSee with **SAP business management software**.
- Developed mobile apps in Flutter, providing business customers with an alternative way to access the OccaSee system.

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## EDUCATION

BSc Computer Science & Engineering | **Delft University of Technology**

**Sep 2018 - Jun 2022**

- **Data specialization track:** Big Data Processing, Data Mining, Computational Intelligence.
- **Relevant courses:** Algorithms & Data Structures, Algorithm Designs, Machine Learning, Computer Networks, etc.
- **Minor:** Companies & Innovation.

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## LEADERSHIP AND AWARDS

Founder & Team Lead | **Google Developer Student Club**

**Aug 2019 - Sep 2020**

- Launched the first DSC in The Netherlands: a community of students interested in software technologies.
- Built and led a core team of four members.
- Grew community to over 50 members.
- Organised six events.
- Partnered with Codemotion Amsterdam (tech conference) and local companies to provide networking opportunities to the students.

T500 Award - 500 under 30 | **TNW Conference (Financial Times)**

**4x (2021-2024)**

- Recognized as one among the exceptional individuals in the space of product (design), developing and engineering, sales and marketing, academia and research, and media; under the age of 30.

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## OPEN SOURCE

shadcn-tree-view (387+ ★)

<https://github.com/MrLightful/shadcn-tree-view>

A Shadcn UI component for hierarchical lists of data with nested levels that can be expanded and collapsed.

create-tauri-core (228+ ★)

<https://github.com/MrLightful/create-tauri-core>

Well-architected Tauri app template with Vite, React, and Tailwind CSS.

powersync-tauri (57+ ★)

<https://github.com/MrLightful/powersync-tauri>

Well-architected Tauri app template with Vite, React, and Tailwind CSS + PowerSync (sync engine + offline-first).

unity-puzzlesystem-asset (23+ ★)

<https://github.com/MrLightful/unity-puzzlesystem-asset>

The asset for the Unity Engine that allows to quickly create customisable puzzle logics.

LunarisApp/text-tools

<https://github.com/LunarisApp/text-tools>

A collection of text processing tools, incl. readability scores, pronunciation dictionaries, hyphenation, etc.