

# ANDRIS SILIŅŠ

## SENIOR FULL STACK DEVELOPER

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## SUMMARY

**Senior Full-Stack Developer** with 9 years of experience delivering high-performance web solutions using JavaScript (React, Node.js) and Python (Django, Flask).

**Expert** in architecting cloud-native microservices on AWS and Kubernetes, driving seamless migrations, rigorous testing, and performance excellence.

**Proven leader & mentor** in Agile environments, translating complex business requirements into modular, accessible, and maintainable applications that align with strategic objectives.

## WORK EXPERIENCE

### Comrach S.A - Kraków, Poland

MAR 2023 - PRESENT

Senior Full Stack Developer

- Architected and implemented dynamic user interfaces using **React.js**, **Redux Toolkit** and **Tailwind CSS**, delivering pixel-perfect, responsive experiences aligned with Figma designs.
- Developed server-side rendering and static-generation features in **Next.js**, enhancing **SEO** readiness and reducing time-to-first-byte.
- Integrated real-time data feeds and third-party REST/GraphQL APIs on the frontend via **Apollo Client** and **Axios**, ensuring seamless user interactions.
- Led accessibility audits (WCAG 2.1), applied ARIA roles and optimized keyboard navigation to guarantee inclusive, compliant UI across all devices.
- Designed and maintained microservices in **Node.js** with **Express** and **TypeORM**, handling high-volume transaction processing for e-commerce modules.
- Built and secured RESTful APIs using **NestJS**, implementing **JWT** authentication and **OAuth2** flows to support single-sign-on capabilities.
- Modeled relational and NoSQL schemas in **PostgreSQL** and **MongoDB**, optimizing index strategies to sustain peak load performance.
- Automated infrastructure provisioning and CI/CD pipelines with **Docker**, **Kubernetes (EKS)** and **Terraform**, achieving zero-downtime deployments and full infrastructure as code.

### Salesforce – San Francisco, CA

Oct 2020 - Jan 2023

Full Stack Developer

- Developed a reusable component library with **Salesforce Lightning Design System (SLDS)** and **Tailwind CSS**, ensuring pixel-perfect consistency & WCAG 2.1 accessibility across multiple products.
- Integrated real-time data synchronization via **WebSocket** streams and **Redux Toolkit**, streamlining client-side state management and reducing latency.
- Conducted performance profiling with **Lighthouse** and implemented code-splitting and lazy-loading strategies, achieving sub-2 second initial load times.
- Modeled and optimized schemas in **PostgreSQL** and Salesforce **SOQL**, leveraging advanced indexing and **Redis** caching to support high-volume transaction workloads.
- Secured backend endpoints with **OAuth2**, **JWT**, and **SAML SSO**, enforcing role-based access control for 50,000+ enterprise users.
- Designed and maintained microservices in **Node.js** and **Apex**, orchestrating seamless data flows between Salesforce CRM and external systems through RESTful and GraphQL APIs.

## Brainly – Kraków, Poland

Aug 2018 - Sep 2020

Backend Developer

- **Architected** and maintained core microservices in **Node.js** (Express) that processed over 8 million daily requests, ensuring 99.9% uptime for student Q&A workflows.
- **Designed** and optimized relational schemas in **PostgreSQL**, implementing partitioning and composite indexing strategies to accelerate complex joins.
- **Integrated Redis** caching and **RabbitMQ** message queues to offload heavy computations and decouple asynchronous notification pipelines, reducing end-to-end latency.
- **Built** and documented robust RESTful and **GraphQL** APIs with **Apollo Server**, empowering frontend teams with flexible data fetching and minimizing over-fetching.
- **Secured** backend services with **OAuth2**, **JWT** and **SAML SSO**, supporting seamless authentication for over 2 million registered users across Europe.
- **Established** CI/CD pipelines in **Jenkins** and **GitLab CI**, incorporating comprehensive unit (Jest, Mocha) and integration tests to maintain 90%+ coverage and catch regressions early.

## Vega IT – Novi Sad, Serbia

Mar 2016 - June 2018

Software Engineer

- **Integrated** third-party services (Stripe, PayPal) and internal microservices via event-driven queues (**RabbitMQ**), decoupling workloads and supporting horizontal scale under heavy traffic.
- **Automated** end-to-end delivery with **Jenkins** pipelines, **Docker** containers and **Kubernetes**, enabling zero-downtime rollouts and consistent infrastructure-as-code across staging and production.
- **Collaborated** closely with UX designers, QA engineers, and product owners in Agile/Scrum ceremonies—leading sprint planning, backlog grooming, and retrospective sessions to align technical deliverables with business goals.
- **Built** dynamic single-page applications using **React.js** and **Angular**, converting complex Figma/Sketch prototypes into pixel-perfect, responsive interfaces with **Tailwind CSS** and **SCSS**.
- **Authored** comprehensive unit and integration tests (Jest, PHPUnit), championing TDD and raising overall code coverage above 85%.
- **Conducted** rigorous code reviews and mentored junior engineers in SOLID principles and design patterns, accelerating onboarding and enforcing best practices.

## SKILLS

**Technical Skills** : Proficient in JavaScript (ES6+), TypeScript, and Python, with deep expertise in HTML5, CSS3 (Flexbox, Grid, SCSS) and responsive, mobile-first design. Extensive full-stack experience using React.js, Next.js, Vue.js, and Angular on the frontend, paired with robust backend development in Node.js (Express, NestJS), PHP (Laravel) and Django. Skilled in API design (REST, GraphQL), database modeling and optimization in MySQL, PostgreSQL, MongoDB and Redis, plus infrastructure automation via Docker, Kubernetes, Terraform and CI/CD pipelines on AWS, GCP and Azure.

**Soft Skills** : Proven track record of leading and mentoring cross-functional teams, managing complex projects end-to-end, and fostering collaborative, agile environments. Strong analytical and critical-thinking abilities, decisive problem-solving under pressure, and exceptional verbal and written communication. Adept at stakeholder alignment, sprint planning, and continuous delivery of high-quality software.

## EDUCATION

Riga Technical University

(Sep 2011 ~ June 2015)

Bachelor of degree in Computer Science

Riga Latvia