

~ Danilo Joksimovic

Senior SWE at Forage (YC S21) // 5+ Years Experience // UWaterloo SE // 2x Startup Founder

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// SKILLS

languages TypeScript · JavaScript · Swift · Kotlin · Python · Ruby · C++ · Java · Golang
tools React · Node.js · React Native · Next.js · Bun.js · Docker · AWS · Postgres · GraphQL · GitHub Actions · Flask · FastAPI · MCP · Claude API · LangChain · Playwright
spoken English (native) · Serbian (native) · French (conversational) · Spanish (elementary)

// EXPERIENCE

Forage (YC S21)

San Francisco, CA → New York, NY

Senior Software Engineer

Aug 2024 - Present

- Built the Forage consumer app [🔗](#) end-to-end (React Native, TypeScript, Flask) — a full-stack feature from UI to backend API; achieved product-market fit within 1 year with **>70% MoM organic retention**.
- Built the first automatic cash-back platform for government benefits (EBT/SNAP) — an Amex Offers-style experience for SNAP recipients; the app's first revenue-generating feature, monetizing the consumer product to support a sustainable operating model.
- Engineered receipt verification using vision language models with prompt engineering and postprocessing — achieving **>99% parsing accuracy** and preventing **\$100K+ in fraudulent claims**.
- Led procurement and vendor analysis to launch AI-assisted support for SNAP recipients with general EBT and app questions — deflecting **>75% of interactions** at **>90% CSAT**, projected to save **\$2.5M+/year** at scale.
- Founded Forage's AI Engineering and Frontend guilds; mentored 4 engineers and drove org-wide adoption of AI-assisted coding workflows — **5x tooling investment increase**, **50% gain in PR throughput** across **30+ engineers**.
- Shipped agentic developer tools adopted by **20+ engineers**: an MCP server enabling Claude-powered code workflows and a Python CLI for intelligent test selection — cutting CI pipeline times by **4x**.

Founding SDK Engineer

Jan 2023 - Aug 2024

- Architected and shipped developer-facing TypeScript [🔗](#), iOS [🔗](#), and React Native SDKs — the first government-grade EBT payment infrastructure, processing **40K+ payments/day** across Uber, DoorDash, and Toast.
- Designed edge computing (AWS CloudFront Functions), caching, and performance tracing — achieving **sub-second P90 load times**, **99.99% checkout success rate**, and recovering **\$10M+/year** in processing volume.
- Engineered PCI DSS-compliant payment integrations with E2E encryption across e-commerce and POS, satisfying USDA, SOC 2, and enterprise compliance — eliminating third-party processing costs, saving **\$200K+/year**.
- Collaborated with small startups and enterprise customers (Uber, DoorDash, Toast) to translate requirements into record-breaking launches for EBT integrations; led a data science program that drove a **15% increase in payment volume**.

Scena 360

Toronto, Canada

Co-Founder

May 2020 - Aug 2022

- Built and scaled a full-stack virtual reality platform [🔗](#), reaching **900+ MAUs** and **7,000+ gatherings** — Fortune 500 events for Intuit and Huawei, and recurring virtual classes for universities and high schools.
- Engineered a low-latency spatial video chat web app (Node.js, Three.js, Mediasoup, Go) that enabled 20+ person huddles and scaled to hundreds of attendees at **10x lower cost** than incumbents.
- Pioneered the first E2E testing framework for WebXR (Jest, Playwright, GitHub Actions, Docker) — establishing a testing pattern where none existed in the ecosystem.
- Ran **150+ user and customer interviews**; cultivated an active Discord community through international WebXR meetups — wound down as RTO mandates and incumbents eroded demand.



Waterloo & Ottawa, Canada

Software Engineering Intern — Shopify Plus

Jan 2020 - Dec 2020

- Shipped production features for Shopify Plus Admin (React, GraphQL, TypeScript, Ruby) serving tens of thousands of merchants; cut **\$1.5M+/year** in infrastructure costs through parallelization and large-scale refactoring.
- Built an internal video-sharing web app (React, Rails, MySQL) to keep remote employees connected during peak pandemic-era distributed work.

Software Engineering Intern — Infrastructure Security

May 2019 - Aug 2019

- Engineered concurrent Go scanners auditing **2,000+ GCP projects** and **60+ Kubernetes clusters**, replacing manual security reviews with automated coverage at scale.
- Built a GitHub app verifying source integrity across **3,000+ repos** and millions of daily builds.



Waterloo, Canada

Co-Founder

Aug 2018 - Apr 2020

- Co-founded a service marketplace ("Shopify for local businesses") — led a team of 5 engineers, a designer, and 2 business developers from concept through launch.
- Built mobile and web apps (React Native, TypeScript, Node.js, MongoDB, AWS) with real-time chat, scheduling, provider matching, and search features.

// OTHER EXPERIENCE

Jan 2021 - Dec 2022

- Panpro** [↗](#) (Contract) — Built LiDAR visualization and road sight-distance algorithms in Python for a civil engineering firm in Belgrade.
- Cradle** [↗](#) (Freelance) — Led 3 engineers building Rage, the first Web3 multiplayer strategy game on the Sui network [↗](#); Cradle was later acquired by Stardust.
- Zets Orchard** [↗](#) (Co-Owner) — Built a multilingual Shopify storefront [↗](#) and Kotlin SMS service for a family orchard with **15+ award-winning products**.

// EDUCATION



University of Waterloo

2017 - 2022

Bachelor of Software Engineering, Honours

// SOLO PROJECTS

Salva Aug 2023 - Apr 2024

Invented an AirTag-style personal safety device with an SOS button — **20x cheaper** than Life Alert, no base unit or charging required. Built with BLE and an Android companion app. My grandma wears it 24/7. Life360 launched a near-identical product a year later.

Plonk.world [↗](#)

Think "GeoGuessr meets Wordle" — daily solo game where you guess the same 5 places as everyone else on a 3D globe. Built with globe.gl, Three.js, FastAPI, Postgres, and the Anthropic Claude API.

Flâneur [↗](#)

Personal AI-powered guide to San Francisco — curated from my own favorite spots to simplify trip planning and cut through analysis paralysis. Built with Next.js, Mapbox GL, Perplexity API, and Bun.js.

// VOLUNTEERING

- Refuse Refuse SF** — Community trash cleanup May–Nov 2025
- SF-Marin Food Bank** — Volunteer May 2023
- Project Open Hand** — Volunteer Mar 2025
- DeltaHacks** — Judge & Technical Mentor, McMaster University Jan 2019

// INTERESTS

vinyl dj-ing & crate digging • hifi listening bars • ai safety • cycling • national parks • live music • coffee • travel • thrifting