

# KOSTIANTYN ILNYTSKYI

Calgary, AB | (368) 399-0601 | ilnkostia@gmail.com | kos-portfolio.dev | linkedin.com/in/kostia-ilnytskyi | github.com/Kostia06

## SKILLS

---

JavaScript, TypeScript, Python, Java, C++, PHP, React, React Native, Capacitor, Next.js, Svelte, SvelteKit, Node.js, Express.js, Flask, PostgreSQL, MySQL, Supabase, Firebase, MongoDB, Redis, Prisma, GraphQL, Socket.io, Stripe, PayPal, Jest, Vitest, CI/CD, Docker, Nginx, Vercel, Cloudflare, TensorFlow, OpenAI API, Gemini API, Deepgram

## EDUCATION

---

**Bachelor of Science in Computer Science, Software Engineering Concentration** Expected Apr 2027  
*University of Calgary, Calgary, AB*

**Relevant Coursework:** Data Structures & Algorithms, Database Management Systems, Computer Networks, Operating Systems, Software Engineering, Programming Paradigms, Artificial Intelligence & Machine Learning, Information Security & Privacy

## VOLUNTEER

---

**United Ukrainians for Canadians Foundation** Feb 2026 – Present  
*Web Developer | Remote*

- Developing website using React and Cloudflare, giving 1.2M+ Ukrainian-Canadians access to programs and resources

## PROFESSIONAL EXPERIENCE

---

**Full Stack Developer** Jan 2026 – Present  
*Mr Blu (mrblu.com) | Calgary, AB*

- Built voice-to-invoice app using Gemini and Deepgram, letting contractors create invoices hands-free in under 60 seconds
- Shipped mobile-first app with React, Cloudflare, and Capacitor with automated PDF generation and email delivery
- Reduced AI token usage by 40% through noise filtering, text normalization, response caching, and request splitting, cutting per-document API costs

**Computer Science Tutor** Sep 2024 – Present  
*University of Calgary | Calgary, AB*

- Mentored 10+ students in Python and Java, covering data structures, algorithms, and OOP principles

**Full Stack Developer Intern** Jul 2025 – Jan 2026  
*Respect The Technique | Calgary, AB*

- Architected e-commerce platform with employee management, enabling time tracking, inventory, and reporting in one place
- Scaled to 1,200+ MAU and 5,000+ page views, driving increased online revenue and customer engagement
- Automated inventory and staff workflows, reducing manual workload by 40%

**Full Stack Developer** May 2025 – Jun 2025  
*Lemmer Ltd. | Calgary, AB*

- Delivered e-commerce platform (Rustsol.com) using Next.js and Supabase, enabling the client to accept online orders
- Shipped in 6 weeks with secure payments, cutting manual order processing by 30%

**Software Developer Intern** Apr 2022 – Aug 2023  
*CommerceMate.co | Los Angeles, CA (Remote)*

- Reduced page load times by 40% through caching and API refactoring, improving retention for 5,000+ users
- Integrated Stripe and PayPal, increasing transaction completion rate by 25%

## PROJECTS

---

**Ghost Hunter – AI Accuracy Testing Tool | AiEO Visibility Challenge** Mar 2026  
*ghost-hunter.dev*

- Built pipeline testing AI accuracy across ChatGPT, Gemini, Claude, Perplexity — found 49.5% of recommendations had inaccurate info
- Developed Flask + PostgreSQL app with ~9k organization database to help AI platforms provide accurate info for Canadians

**MockMind – AI Interview Platform** Dec 2025  
*mock-mind.vercel.app*

- Created interview prep platform with real-time voice interaction using Next.js, TypeScript, and OpenAI GPT-4

**ShopLocal | 1st Place, Cultivator Hackathon** Jan 2025

- Led team of 6 to build multi-vendor marketplace MVP in 24 hours using PHP and MySQL

**Avatar Motion Capture | 6th Place, RBC Fast Pitch (60 Teams)** Dec 2024

- Built real-time body tracking using Python and TensorFlow, mapping user movements to a 3D avatar with low-latency rendering
- Pitched solution to judges, placing 6th out of 60 teams at the RBC Fast Pitch competition