Jordan Kok

eehsinkok777@gmail.com | linkedin.com/in/jkok03 | jordankok.com | github.com/Ee-Hsin

EDUCATION

University of Waterloo
Bachelor's of Software Engineering   *Sep. 2023 – Present*

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Ruby, C++, HTML, CSS, SQL
Technologies: React, React Native, Rails, Next.js, FastAPI, Node.js, MySQL, PostgreSQL, MongoDB, Docker, Git

EXPERIENCE

Brilliant.org   Incoming 2026
Software Engineer Intern - Incoming   *New York City, NY*
- Building interactive learning environments for **10M+** users on the world's leading platform for STEM education

Shopify (Monetization team)   Sep 2025 - Dec 2025
Software Engineer Intern   *Toronto, ON*
- Developed new mobile sign-up screens with **Typescript** and **React**, increasing paid-trial conversion rates by **6%**
- Led experiments to integrate one-click payment methods at checkout, driving a **$3.6M** increase in gross profit
- Architected a web component library using **Lit** to modernize legacy **Ruby ERB** authentication screens
- Shielded pricing APIs by implementing rate limiting and parameter validation to protect against DDoS attacks

Shopify (Web Pixels Team)   Jan 2025 - Apr 2025
Software Engineer Intern   *Toronto, ON*
- Engineered a hot-reloading development experience on the Shopify Dev Platform for **12,000+** app developers
- Synchronized **5.3 million** web pixels with concurrent processing using **Ruby**, reduced execution times by **35%**
- Supported new product features by modifying **MySQL** schemas to ensure data integrity across services
- Applied Git, **CI/CD** pipelines, **Google Cloud**, and **Grafana** observability tools to maintain system reliability

UW Blueprint (Non-profit)   May 2024 - Dec 2024
Project Developer   *Waterloo, ON*
- Created a bilingual portal using **React** and **TypeScript** to streamline the donation process for over **200** donors
- Designed responsive navbar and table components with **Chakra UI** to enhance the user experience across devices
- Containerized the web app on **Docker** to create uniform development environments for consistent deployment

Dandelion Networks   May 2024 - Aug 2024
Mobile Developer   *Toronto, ON*
- Designed a robust request expiration feature with full-stack validation to invalidate outdated token transactions
- Improved wallet import load times by optimizing the wallet import flow to reduce backend calls by **30%**
- Revamped the settings UI and added auto-lock timers using **React Native, TypeScript** and **Redux**
- Wrote robust automated tests for new features and integrated them into the **Jenkins CI/CD** pipeline

PROJECTS

PolicyKit – AI Compliance Agent | *Python, OpenAI, FastAPI, ChromaDB, PostgreSQL*
- Architected an AI agent to detect policy violations in job postings using an orchestrator-worker workflow
- Cached and reused prior classifications for faster, consistent decisions using vector embeddings and RAG

Valentine's Day Digital Card Generator | *Next.js, Firebase, Tailwind CSS*
- Constructed a web app for users to design, customize and share personalized Valentine's Day cards
- Promoted the app on TikTok and Instagram, reaching **23,000+** impressions via viral marketing strategies
- Generated over **2,000** digital cards, each with a unique URL for effortless sharing and personalized delivery

Tangle - Hack the North Winner | *Cohere, Convex, React, TypeScript*
- Suggested new connections for users using vector embeddings and a cosine similarity formula
- Integrated Cohere's embeddings for semantic search and used Convex's real-time database for quick updates