

# EVAN KOURKMAS

FULL STACK DEVELOPER — VANCOUVER, BC, CANADA

✉ [evankourkmas@gmail.com](mailto:evankourkmas@gmail.com) | [in linkedin.com/in/belalk](https://www.linkedin.com/in/belalk) | [github.com/Syte1](https://github.com/Syte1)

Portfolio: [syte1.github.io](https://syte1.github.io)

## BIO

A strong software developer with 4 years of experience, who takes the reins, solves problems, works well with teams, enjoys helping others, and has created projects of all kinds with many technologies.

## SKILLS

**Languages:** Python, Java, TypeScript, JavaScript, C, C++, SQL, HTML, CSS, Kotlin

**Frameworks/Technologies:** React, Redux, Django, Node, Express, Tailwind CSS, Docker, Git, AWS, Linux

**Technical Skills:** REST APIs, CI/CD, Cloud, Databases, Version-Control, Containers, UI/UX, Design patterns, Unit testing

**Other Skills:** Native English Speaker, Problem-solver, Quick-learner, Creative, Team-player, Cooperative, Self-disciplined

## AWARDS

### 1st place at YVR's 2023 Hackathon

May 2023

Team 8pes — Crow's Nest

Richmond, BC

- Awarded \$5000 for an AI based project called Crow's Nest that aids YVR Airport with their "NET ZERO 2030" goal.

## JOB EXPERIENCE

### Clarius Mobile Health

May 2022 – January 2023

Full Stack Developer | Python, Django, Docker, PostgreSQL, Fluentd, Nginx, Prometheus, Traefik, Xorg

Burnaby, BC

- Enabled CI/CD automatic violation testing on GitHub Actions, by comprehensively resolving over 1500 linter violations.
- Implemented 100% unit testing coverage for a new logging system, and unit tests for various other features.
- Corrected bad entries in a PostgreSQL database, and implemented generic form validation to prevent XSS attacks.

### Health Gateway Africa Trust

May 2023 – September 2023

Full Stack Developer | TypeScript, React, Fresh, Deno, PostgreSQL, WhatsApp, Google Calendar API

Vancouver, BC

- Built a React web app for a startup that allows doctors in Africa to manage appointments in their Google Calendars.
- Created a WhatsApp chatbot that allows patients to book appointments with doctors in an intuitive way.
- Deployed features in a team of 5 through branches using GitHub, Heroku, and a CI/CD pipeline.

### ServTennis

September 2023 – December 2023

Software Developer | Python, PyTorch, TensorFlow, OpenCV, Google Collab, Pandas, NumPy

Vancouver, BC

- Created a multi-faceted machine learning model in a team of 5 that helps beginner tennis players analyse their games by visualizing various metrics from their uploaded videos.
- Researched various machine learning algorithms, created metric visualization for player-tracking, ball-tracking, court-detection, shot-placement, pose-recognition, and static background removal.

## NOTEABLE PROJECTS

**AWS TimeSheet Engine** | Project Management, RESTful APIs, JavaScript, Cloud Architecture, AWS, Documentation

- Managed a team of 8 developers to create a feature and service rich utility to manage employee time sheets.
- Composed cloud infrastructure utilising 15 AWS services including ELB, Step Functions, API Gateway, Lambda, and more.

**Anon Images** | JavaScript, React, Express, CI/CD, Node, Linux, AWS EC2, S3, DynamoDB, Route53, CodePipeline, CodeDeploy

- Image sharing React app using NoSQL, various cloud services, automated CI/CD pipeline between AWS and GitHub.

**Snack Overflow** | JavaScript, React, Express, Node, MongoDB, Responsive Web Design, UI/UX Design, Documentation

- Web app using React, Express and MongoDB to allow users to manage public snack sharing posts.

**Wrath of the Necromancer** | Python, Algorithms, Game Design, Documentation, Unit Testing

- Fun Python MUD-like RPG game with extensive unit testing. Video in portfolio.

**Outliner** | Python, OpenAI, Web-scraping, Documentation, Discord API, Teamwork

- A Discord bot that answers naturally formed questions about your courses from outline data using machine-learning.

**PokeAPI Pokedex** | Python, RESTful APIs, Design Patterns, OOP, Documentation

- Pokedex that uses a public API, designed with OOP design patterns including Chain of Responsibility, and factories.

**OpenCV Image Recognition Game Bot** | Python, OpenCV, Self-learning, Machine-learning

- Created an OpenCV model that uses artificial intelligence to automatically play games. Video in portfolio.

**Animal Hustler** | Java, JavaFX, FXGL, Documentation, Planning, Object-Oriented Design, Cooperation, UML, Agile

- Fun and functional Java game using object-oriented design principles, UML diagrams, and Agile methodology.

## EDUCATION

**British Columbia Institute of Technology**

September 2021 – December 2023

Computer Systems Technology

Vancouver, BC