Kevin Ho

hhokevin@gmail.com · hkev.dev · linkedin.com/in/kevinhh · github.com/cskevhho

Technical Skills

Languages: Java, TypeScript, JavaScript, Python, HTML/CSS, SQL, NoSQL, C#
Tools & Libraries: Git, Node.js, AWS: S3 EC2, Docker, Godot Engine, Discord.py, Express
Frameworks & Databases: Spring, React, MongoDB, PostgreSQL, Flask, Tailwind, Svelte/SvelteKit

Projects

Zenless Zone Zero Management Bot | PostgreSQL, FastAPI, React, Discord.py   **Repo**

- Developing a feature-focused Discord bot and RESTful database to centralize and manage game information, providing users with an accessible and comprehensive tool for a satisfying user experience by avoiding scouring multiple pages.
- Integrating **PostgreSQL** to create a detailed database of the game's characters, resources, and calculations for robustness and simplified long-term maintenance.
- Built a CRUD website with **FastAPI** and **React** to interface with the database to allow for easy updating and simplified API usage with the Discord bot.

E-Commerce System | HTML, CSS, Python, JavaScript, Flask, SQLite, AWS Elastic Beanstalk, AWS RDS   **Repo**

- Spearheaded a 4-person team in architecting and deploying a scalable **e-commerce platform**, adhering to agile methods (**Scrum** and **Kanban**) to ensure timely delivery and iterative improvements.
- Engineered the backend with **Flask** and **SQLAlchemy**, implementing **RESTful APIs** and optimizing database interactions for efficiency, and developed a responsive frontend with **HTML**/**CSS**/**JavaScript**.
- Deployed the application on **AWS**, utilizing **Elastic Beanstalk** for application management and **RDS** for reliable, scalable database services, enhancing the system's cloud-native capabilities and security posture with SSL/TLS encryption.

Personal Website | Astro, Svelte, Vercel, Tailwind CSS

- Redesigned website using **Astro**, featuring **JavaScript-less** transitions and component compilation to static HTML.
- Integrated **Svelte** for a modern development experience and component compilation into imperative JavaScript code.
- Deployed on **Vercel** for simplified and automated CI/CD integration with GitHub repository.

Metadata and Thumbnail Generator | Bash, ImageMagick

- Collected image details through **ImageMagick** and generates smaller versions in chosen directories, including subfolders
- Optionally worked with a specified folder, otherwise uses the current folder, ensuring suitability and accessibility.
- Created three sizes of thumbnails (128, 256, 512 pixels), keeping the original shape, and logging image info in a text file.

Wordle Clone | Java, Android Studio, RESTful API

- Implemented using **Java** for back-end logic and **Android Studio** to facilitate for the UI design.
- Leveraged **WordsAPI** for an up-to-date database of words, automating creation and updates of current or new words.
- Added difficulty and accessibility features, such as a fast countdown timer, greyscale mode, and text-to-speech.

Work Experience

Outlier AI | LLM Training Specialist   May 2024 – Present

- Improving LLM models in production with coding-related pormpts through feedback analysis and targeted training to enhance model accuracy, consistently achieving an overall performance rating of 83% across all completed training tasks.

York University | Computational Thinking Club Tutor   Jun 2021 – Nov 2021

- Tutored first-year students in programming basic algorithmic thinking through flow charts and JavaScript, contributing to a 70%+ grade average in introductory programming tests and finals through weekly extracurricular sessions.

Results Lifestyle | Floor Manager, Personal Trainer   May 2014 – Aug 2018

- Managed property issues and organized fitness classes across six locations, and trained over 60 clients in the Greater Toronto Area, focusing on effective results and injury prevention.

Education

York University   Dec 2025
Honours Bachelor of Science, Computer Science   *Toronto, ON*

- Building E-Commerce Systems, Data Structures & Algorithms I, Software Design, Database Systems, Object Oriented Programming