

Kavin Desi Valli

🌐 kavin.me | ✉ kdvalli@uwaterloo.ca | [in kavinvalli](https://www.linkedin.com/in/kavinvalli) | [github kavinvalli](https://github.com/kavinvalli) | [youtube @livecode247](https://www.youtube.com/@livecode247)

TECHNICAL SKILLS

Languages: Javascript, Typescript, Python, SQL (Postgres, MySQL), MongoDB, HTML/CSS, Dart, C++

Frameworks: React, Next.js, Node.js, Express, Django, Laravel, Tailwind CSS, Flutter

Other Tools: OpenAI, Langchain, Stripe, Supabase, Git, Docker, VS Code, Vim, Vercel

Libraries: React Table, React Query, Zod, React Hook Forms

EXPERIENCE

Full Stack Developer

Riskshield AI

May 2023 – Present

- Led the development of an AI-Powered Financial Risk Management platform to deliver financial risk assessment using **NextJS** and **Chakra UI**.
- Used **Langchain** and **OpenAI** to perform AI based categorisation of ICFR cycles.

Lead Web Developer

Starmorph AI (starmorph.com)

May 2023 – Sept. 2023

- Implemented user authentication using **Supabase Auth** across applications and rate-limiting using **Redis**.
- Successfully integrated **Stripe** payment processing system into the SaaS platforms.
- Developed an enhanced version of the company's existing code based generative chatbot using **ReactJS**, **NextJS**, **Tailwind CSS**, the **Vercel AI SDK**, **Langchain**, **OpenAI**, **Pinecone** and **Supabase**.

Full Stack Developer

CleanDesk AI

Jan. 2023 – May. 2023

- Researched the use of **Langchain** and **OpenAI Functions** to enhance the response time of the AI assistant.
- Established **continuous deployment pipelines** for React applications and Django backends, leveraging **GitHub Actions** to automate and streamline the deployment process.

President and Head Web Developer

Exun Clan: Technology club at DPS RK Puram

Oct. 2020 – Apr. 2023

- Responsible for leading and managing one of the **largest and oldest student-run technology club in India**.
- Conducted various **web development workshops** covering topics like **HTML**, **CSS**, **ReactJS** and **NodeJS**.
- Conducted the annual international tech symposium with more than **22600 participants**.
- Won various high school team **hackathons** involving the work of multiple departments collaboration.

Teaching/Youtube Channel

LiveCode247

Feb. 2023 – Present

- Teaching the latest web development technologies including **ReactJS**, **NextJS**, **Langchain**, **Stripe** and more on my youtube channel.


PROJECTS

Liberty | *Typescript, React, Chakra UI, WASM* 


- Built a **browser based 3D visualisation** of the International Space Station in Realtime.

QR Code based Entry System | *Typescript, Python, PHP, Dart, Laravel, React, Flutter* 

- A multi platform app for tracking attendance of 2000+ attendees at DPS RK Puram's 50th year celebrations.

Typewind | *Typescript, Rust, NextJS* 

- Developer and Maintainer on an open source project with **2.1K+ stars**, which combines the safety of Typescript with the versatility of TailwindCSS.

Cognizer | *Javascript, NodeJS, Adonis, Chrome Extension API* 

- A Chrome Extension that allows you to connect with people during and also soon after the conference or meet ends.

EDUCATION

University of Waterloo

Waterloo, ON

Bachelor of Applied Science in Computer Engineering

Sept. 2023 – Apr. 2028

ACHIEVEMENTS

NASA Space Apps Global Finalists Honorable Mentions | *Issued by NASA Earth Science Division* Nov 2022

- Awarded to top 80 out of 50000+ teams for building [Liberty](#).

Conrad Innovator, Conrad Challenge 2022-23 | *Issued by Conrad Foundation*

Feb 2023