

Wang, Ching-wei (Dylan)

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Technical Skills

- **Programming Languages:** Bash, Javascript, Typescript, Python, Java, C++, HTML/CSS, SQL
- **Frameworks/ Technologies:** NextJS, ExpressJS, SpringBoot, Styled-components, Redux Toolkit, ReactJS, ReactNative, NodeJS, SASS, ChakraUI, TailwindCSS, Excalidraw
- **Testing/ Deployment:** Jest, Cypress, Swagger, Postman, Docker, Jenkins, AWS
- **Databases:** MySQL, PostgreSQL, Oracle, MongoDB
- **Version Control Tools:** GitHub

Experience

Seneca Helix

Sep 2024 - Current

Entrepreneurial Software Developer

- Proposed a startup business within a 3-week sprint, employing SCRUM methodology to iterate on product development
- Designed and optimized UI/UX wireframes that align with the business model, user scalability, and formulated a clear MVP to get early user validation
- Building a scalable full-stack platform within a 2-month timeframe, leveraging agile principles for continuous integration and delivery

Pro360

Jan 2022 - Jan 2023

Freelance Developer

- Migrated traditional JavaScript websites to modern frameworks like Next.js, significantly improving site performance and reducing issues like latency
- Implemented SEO strategies, including optimizing metadata, improving site structure, and enhancing page load speeds to boost search engine visibility and ranking by 20%

Education

Database Analyst

Sep 2023 - Current

Seneca Polytechnic

Udemy

July 2021 - Dec 2021

Online course learning platform

Computer Science

Sep 2018 - May 2021

Seneca Polytechnic

Projects

Filmix | Spring, Postgres, Typescript, TailWind | <https://react-movies-ruddy.vercel.app>

- Built a full-stack platform for exploring and searching movies/TV shows with detailed information
- Utilized server components to reduce hydration downtime and protect database credentials
- Designed a PostgreSQL schema and implemented the backend server using SpringBoot, adhering to the MVC architecture to handle RESTful API calls efficiently

Drinkwise | MongoDB, ExpressJS, Context, Next.js | <https://drinkwise-five.vercel.app>

- Led a team of four in building a PERN stack e-commerce beverage site enabling users to browse items, select store locations, and schedule order pickups
- Enabled employee/admin-level CRUD functionality for managing menu items, store locations, and staff. NextAuth to secure user roles and session management using JWT and bcrypt

GamesTech | Next.js, Typescript, SASS | <https://games-tech.vercel.app>

- Designed and built a fully responsive website in SASS featuring the latest game news, trailers, and top stories with infinite scrolling