

# KEVIN LAN

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## SKILLS SUMMARY

- **Languages:** Typescript, Javascript, Java, C, Python, SQL, HTML, CSS, Bash, Powershell
- **Developer Tools:** Git, Postman, Docker, AWS, PostgreSQL, MongoDB, Firebase, JUnit, Swagger, Vercel
- **Libraries/Frameworks:** React, Spring Boot, Express, NodeJS, Redux, TailwindCSS, Ant Design

## EXPERIENCE

### **Full Stack Developer - FPT Software Canada**

Aug 2024 - Dec 2024

- Fortified application privacy, security, & performance by introducing a NodeJS proxy server between the frontend & backend complete with two way **(AES) encryption, JWT authentication**, and session cache
- Built a scalable email notification service in Java Spring Boot that automated client emails triggered by in-application events, handling **100's** of incoming and outgoing emails per day
- Developed a PDF parsing/auto-generation tool using Apache PDFBox able to extract as well as generate pdf pages including dynamically sized image fields, greatly optimizing the client's workflow
- Streamlined frontend development by **>40%** by designing a reusable custom UI component library from scratch using React, with a focus on backend compatibility for filters, search, sorting, and file uploads
- Led key decisions on project frontend development, and converted over **210+** Figma mockups into responsive application features using React, Redux Toolkit, Axios, CSS modules, and Ant Design
- Normalized database relationships in PostgreSQL, improving data integrity, consistency, and scalability
- Executed unit/integration/E2E testing, made deployments to staging, and wrote technical release notes

### **Jr. UI/UX Designer - Ministry of Transportation Ontario**

Jan 2024 - Apr 2024

- Increased sprint output by processing complex technical requirements and producing high fidelity Figma wireframes for two agile development teams of **20-30** people each
- Communicated and presented findings, results, and user-centric solutions during technical discussions

### **Copilot Chatbot - Microsoft OPS Phenomenal Hackathon**

Feb 2024

- Led a multi-disciplinary team of 6 as a scrum master/developer, landing us **2nd place** in our category
- Developed a generative AI chatbot on Microsoft Copilot Studio that produced answers to questions about internal learning and development, increasing employee satisfaction by **>60%**
- Scraped and stored large datasets of **1000's** of online courses and certifications and cleaned data to improve model precision

## EDUCATION

### **University of Toronto Scarborough, Toronto ON**

2022 - Present

- BSc. Computer Science, Entrepreneurship Specialist, 3rd year Current CGPA: **3.9/4.0**
- Relevant Courses: Operating systems, Software design, Data structures, Algorithms, Systems programming

## PROJECTS

### **Paypal-Integrated E-commerce Store**

[Source code](#) May 2024

- Implemented a full scale ecommerce store using **MERN stack**, complete with PayPal payments (**Paypal developer API**), encrypted user passwords, product management, checkout, and admin dashboards

### **2-Way Playlist Transfer Tool - YT Music / Spotify**

[Source code](#) Jan 2024

- Automated the conversion of Youtube Music playlists to Spotify playlists using Python, & YT, Spotify APIs