Jin Kim

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Profile

Aspiring Software Engineer with experience in full-stack web development, backend systems, and cloud deployment. Passionate about building intuitive user experiences and scalable applications. Eager to gain industry experience and open to internships in AI, DevOps, embedded systems, game development, cybersecurity, and mobile development. Seeking opportunities to contribute to impactful tech projects and continue growing as a developer.

Education

University of Calgary, Bachelor of Science - Software Engineering   Sep. 2022 – Apr. 2027

- **Coursework:** Data Structures/Algorithms, OOP, Networked Systems, Applied Operating Systems, Full-Stack Web Dev, Machine Learning Systems, Software Testing, Software Architecture, Software Industry Practices, Embedded Systems, Principles of Software Design (Design Patterns), Probability/Statistics, Digital Circuits, Computer Organization

Projects

SmartServe - AI Meal Planner

- Integrated **Google Gemini 2.0** to generate personalized meal plans based on user preferences
- Built responsive UI with modern animations using **TailwindCSS** and **Framer-Motion** for improved UX in **Next.js**
- Managed backend deployment on **Railway** with **MySQL** database and **Spring Boot**
- Launched frontend via **Vercel** for seamless production access
- Coordinated teamwork utilizing **Agile** software development practices

Music Streaming Web Application - In Progress

- Implemented **Spotify OAuth** login and token management, enabling persistent user sessions
- Developed scalable **RESTful APIs** for user and playlist operations using **Spring Boot** and **MongoDB**
- Enabled real-time music search and playback using **Spotify Web API**
- Designed responsive, mobile-first UI with dynamic content loading via **React (Next.js)**

Valorant Player Impact Tracker

- Implemented **Linear Regression**, **Decision Tree**, and **Random Forest** Machine Learning Models
- Pre-processed large dataset containing **5000 samples**
- Utilized **Pipelines** and **GridSearch** to optimize model performance
- Trained models on 2025 season data, allowing for comparison between prior gameplay trends

Experience

IT Support/Content Engineer, Bonavista Baptist Church – Calgary, AB   Sep. 2021 – May. 2022

- Filmed, edited, and uploaded 3-4 videos weekly for the company website and Youtube channel using the **Adobe Suite**
- Managed/organized digital assets with cloud and local drives, enabling seamless workflow for all staff
- Performed weekly maintenance and resolved issues with filming, sound, and computer systems

Cashier Supervisor, Shoppers Drug Mart – Calgary, AB   Jun. 2021 – Present

- Interact with **500+** customers daily, ensuring a stable flow of transactions in a fast paced environment
- Receive/handle customer service requests and calls, ranging from item inquiries to medical emergencies/accidents
- Manage **$4000+** cash flow, verifying balances for pharmacy, Canada Post, cosmetics, and customer service.

Technologies

- **Languages:** C++, C, Python, Java, JavaScript/TypeScript, HTML/CSS, SQL, RISC-V Assembly, Bash
- **Frameworks:** Spring Boot, JUnit, React, Next.js, Node.js
- **Libraries:** NumPy, Pandas, Matplotlib, Scikit-learn, Axios
- **Tools:** Git, Docker, Postman, MySQL, MongoDB Compass, VSCode, IntelliJ, Wireshark, UTM, Vercel, Railway, MPLABxIDE
- **Interests:** Hiking, Running, Basketball, Volleyball, Music Production, Piano, Drums, Reading, Web Development