Kevin Lin

https://github.com/kevinlinvxd

Email : kevinlin.vxd@gmail.com
Mobile : 630-854-2205

EXPERIENCE

Visa Inc
Foster City, CA

Senior Software Engineer — *July 2025 – Present*

- Directed frontend vision and roadmap for the Global Federated Data Management (GFDM) platform, leading 4 engineers in building a scalable UI architecture and reusable React component library,
- Designed and launched the GenAI Hub frontend, unifying fragmented AI resources and driving enterprise-wide adoption, resulting in a 60% increase in AI tool usage across the company.

Software Engineer — *June 2023 – July 2025*

- Built high-impact frontend features for GFDM that enabled 400+ users to define, visualize, and deploy metadata-driven ETL pipelines, reducing manual effort and accelerating their workflow by 30%.
- Delivered $22M/year in operational savings and 40% faster time-to-market by optimizing UI workflows, dataset discovery, and access governance.

Safety Scan AI
Ames, IA

Software Engineer — *September 2022 - May 2023*

- Built and deployed software to monitor safety equipment usage in manufacturing and lab facilities, contributing to $21K in non-dilutive startup funding.
- Trained and optimized computer vision models (OpenCV, TensorFlow) to detect improper equipment usage, improving accuracy and reducing false positives.

Northwestern Mutual
Milwaukee, WI

Tech Operations Intern — *June 2022 - Aug 2022*

- Designed and implemented a CI/CD pipeline to automate monthly Windows Security Update communications, scaling delivery to thousands of employees.
- Partnered with engineering teams to develop reusable HTML email templates, improving communication consistency and reducing manual work.

PROJECTS

Dates and Duties
Android Application

- Built backend services in Java using Spring, JDBC, and Spring MVC, with unit testing via Mockito to ensure reliability.
- Implemented persistent data storage using Spring Boot and MySQL, managing user accounts and task records.
- Developed RESTful APIs (SpringFox, Swagger) to enable seamless frontend integration and efficient data retrieval from cloud-hosted servers.

iRobot Roomba: Mars Rover
Embedded System

- Programmed an iRobot Roomba in C to autonomously and manually navigate obstacles, simulating a Mars Rover.
- Applied embedded systems principles, including UART, GPIO, memory management, interrupts, and hardware clock cycles.

SKILLS

Languages: Java, JavaScript, Typescript, Python, Bash, SQL

Frameworks & Tools : React, Node.js, Spring

Tools & DevOps: Git, Jenkins, NGINX, Swagger

EDUCATION

Iowa State University
Ames, IA

Bachelor of Science in Computer Engineering — *Aug 2019 - May 2023*

Courses: *Object Oriented Programming, Data Structures, Design and Analysis Of Algorithms, Computer Architecture*