

Edward Li

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Experience

Developer, Datacom

Apr 2024 - Present

- Designed and implemented a custom AI chatbot within AEM, integrating with an external API to process user queries and dynamically display structured responses
- Developed responsive and accessible UIs using HTML, SCSS, and JavaScript, while handling backend logic through Java and OSGi services
- Contributed to the migration of a high-traffic enterprise site to AEM, integrating systems such as Coveo Search, Adobe Journey Optimizer, GTM, and Qualtrics
- Configured Adobe Target for beta rollout and GA4/GTM tracking to monitor user engagement and interaction analytics
- Delivered custom AEM components for a large-scale retail platform launch, including a dynamic interactive mall map integrated with live API data using OSGi services and configurations
- Developed a configurable Google Maps locator component with customizable options and responsive UI aligned to brand design guidelines
- Implemented backend logic through modular Sling Models (Java) focused on scalability, maintainability, and test coverage
- Created automated test suites to improve deployment reliability and reduce regression testing effort
- Participated in an AEM Forms migration project, working across both frontend (HTML, SCSS, JS) and backend (Java, Sling, OSGi) development, including validation and QA testing

Intern Developer, Datacom

Dec 2023 - Apr 2024

- Developed a Proof-of-Concept Emergency Dashboard in AEM to visualize real-time operational alerts during emergency events
- Built the dashboard interface using HTML, SCSS, and JavaScript, and implemented backend logic with Java Sling Models
- Supported Adobe Journey Optimizer (AJO) and Adobe Data Collection initiatives by assisting with schema design and data configuration for analytics and personalization

Projects

Go Bear AI Job Search

gobear.me

- Developed a full-stack AI job search platform integrating LLM-based personalization for job recommendations and automated CV/Cover letter customization
- Collaborated with a small team to design APIs, user flows, and data pipelines using React and FastAPI

Skills

Languages: Python, C++, C#, Java, SQLite, TypeScript, JavaScript, MD, HTML, CSS, SCSS

Dev Technologies: React, DotNet, Adobe Experience Manager (AEM), Sling Models, OSGi, AEM Core Components, JUnit, Adobe Target, Git

AI/ML: LangChain, Vector Databases, Prompt Engineering, API Integration, Data Processing Pipelines

Other: Jira, Confluence, Agile, Scrum, DevOps, Problem Solving, Teamwork, Communication

Education

University of Auckland – Bachelor of Science majoring in Computer Science

2020 - 2024