

# Sean Noh

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## SUMMARY

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Adaptable software engineer with a foundation in testing, debugging, and quality assurance. Experienced in Agile collaboration, code reviews, and supporting secure, reliable software delivery. Background in full-stack development and AI model evaluation, improving reliability through vulnerability detection. Skilled in Git/GitHub, CI/CD, and cloud deployments. Eager to learn, receptive to feedback, and focused on growing within a collaborative engineering team.

## TECHNICAL SKILLS

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**Languages:** TypeScript, Java, Python, JavaScript, HTML5, CSS3, SQL  
**Frameworks/Libraries:** React, Spring Boot, Node.js, Django, Tailwind, Recharts  
**Version Control:** Git, GitHub  
**Tools:** Maven, Postman, VS Code, IntelliJ, JUnit, Jest, Selenium  
**Databases:** PostgreSQL, MySQL, MongoDB  
**Cloud/DevOps:** AWS, GitHub Actions (CI/CD), Docker

## EDUCATION

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**General Assembly — Software Engineering Immersive** Jan 2025  
*500+ hour full-time program covering Full Stack Development and Agile methodologies* New York, NY

## EXPERIENCE

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**Software Engineer – LLM and Model Evaluation** Jun 2024 – Present  
*Outlier (contract via Scale AI)*

- Evaluated **AI-generated code** in **Python, Java** assessing maintainability, debugging strategies, scalability, and adherence to industry engineering standards.
- Authored and answered **technical questions** on coding best practices, debugging workflows, and software engineering concepts to enhance the training of generative AI models and improve response quality.
- Assisted in **training and evaluating large language models (LLMs)** by reviewing outputs, debugging code (Python, JavaScript), and providing structured feedback to improve accuracy, reliability, and user experience.

## PROJECTS

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**Banking WebApp** | [Live](#) | [GitHub](#) | React, Python, Django, PostgreSQL, JavaScript

- Developed a **full-stack financial web application** with Django, PostgreSQL, and React, implementing **secure authentication, session management, and (RBAC)** to protect sensitive banking operations.
- Designed and deployed **RESTful APIs** with input validation, data encryption, and authorization middleware, reducing security vulnerabilities and ensuring compliance with secure coding practices.
- Optimized database queries with **PostgreSQL indexing and transactions**, improving system performance and reliability for high-volume financial data.

**Restaurant Web App** | [Live](#) | [GitHub](#) | React, Node.js, Express, MongoDB

- Collaborated with 2 developers** to design, build, and deploy a full-stack restaurant platform, splitting work across frontend, backend.
- Implemented secure **Role-Based Access Control (RBAC)** for administrator and customer roles, while coordinating teamwork through **Slack, GitHub** version control, and Agile-style sprints with code reviews.
- Presented architecture and features to peers and instructors, incorporating feedback to refine functionality and improve usability.

**Expense Tracker Web App** | [Live](#) | [GitHub](#) | React, TypeScript, Java, Spring Boot, AWS, MySQL

- Configured a **Continuous Integration CI / Continuous Deployment CD** pipeline with **Maven**, GitHub Actions, and **AWS Elastic Beanstalk, Amazon RDS** for automated builds, testing, and deployments.
- Integrated **Amazon S3** for secure file storage and retrieval, improving scalability and reliability of user data.
- Developed a responsive **React TypeScript frontend** with interactive data visualization using **Recharts**, enhancing user insights.
- Integrated an **OpenAI model** to build a chatbot that answers expense tracking questions, enhancing user interaction and support accurately using **Prompt Engineering**.