Ethan Lin

Backend Engineer

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Seattle, WA

Skills

- Java, Spring Boot, REST APIs, MySQL, Redis, and Kafka
- Docker, Git, CI/CD, JUnit, and Mockito

Experience

Northstar Software Backend Engineer Jul 2022 - Present

- Build and maintain transaction and order services with Spring Boot, MyBatis, and REST APIs
- Refactored order queries and tuned MySQL indexes, reducing average response time by about 35%
- Added Redis caching for hot product and inventory data with explicit cache consistency handling
- Introduced Kafka for asynchronous order notifications with retries and alerting
- Expanded automated tests, structured logs, and service metrics to improve issue diagnosis

Education

University of Washington Computer Science • B.S. Sep 2015 - Jun 2019