Julie Wheeler

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Summary

Experienced Principal ML Engineer with a strong focus on security hardening and supply chain optimization. Adept at leveraging advanced software technologies to enhance content delivery and drive innovative solutions in complex environments.

Skills

GraphQL, Java, Kotlin, Next.js, Node.js, PostgreSQL, React, TypeScript

Experience

Principal ML Engineer — Tech Innovators Inc. (Jan 2021 - Present)

- Led a team to implement security hardening measures, reducing vulnerabilities by 40%.
- Optimized supply chain algorithms, resulting in a 25% increase in operational efficiency.
- Developed robust content delivery systems, achieving a 50% reduction in latency.

Senior Software Engineer — NextGen Solutions (Jun 2017 - Dec 2020)

- Designed and implemented a GraphQL API that improved data retrieval speed by 30%.
- Contributed to a cross-functional team that developed a secure Node.js application, achieving zero downtime during deployment.
- Enhanced React application performance, leading to a user engagement increase of 20%.

Software Engineer — CloudTech Corp (Mar 2015 - May 2017)

- Developed PostgreSQL schemas that improved data integrity and reduced retrieval time by 15%.
- Implemented TypeScript for frontend development, reducing bugs by 25% through early error detection.
- Collaborated in a team to deliver an end-to-end Kotlin microservices project that increased the development speed by 35%.

Junior Software Engineer — Data Solutions Ltd. (Jan 2013 - Feb 2015)

- Assisted in the development of a content delivery network that improved content access speed by 20%.
- Participated in code reviews that enhanced overall code quality, contributing to a 15% reduction in production issues.
- Wrote automated tests that increased coverage from 60% to 90%, leading to fewer regressions.

Education

Master of Science in Computer Science — University of Illinois (Aug 2011 - May 2013)

- Graduated with honors, maintaining a GPA of 3.9.

- Conducted research on machine learning applications in cybersecurity.
- Led a project on content delivery optimization, presented at a national conference.