

**Vraj Shah**

shahvraj2016@gmail.com

+19029941436

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Hiring Team

Ada

**Subject:** Application for **Software Engineering Intern**

Dear Hiring Team,

I am excited to apply for the Software Engineering Intern position at Ada. As a master's student in Applied Computer Science at Dalhousie University, with **2+ years of experience in native Android and iOS development**, I am eager to contribute my technical expertise in backend development, AI-driven solutions, and cloud computing to Ada's mission of transforming customer service through AI.

During my tenure at Simform Solutions, I:

- **Developed AI-driven chat automation** by integrating OpenAI APIs, reducing manual intervention in customer support by **60%**, and improving response accuracy.
- **Optimized backend microservices** using Java and Spring Boot, cutting API response times by **40%** and ensuring a seamless experience for high-traffic applications.
- **Automated CI/CD pipelines** using GitHub Actions, reducing deployment time by **50%**, accelerating software releases.
- **Enhanced security** by implementing JWT authentication and role-based access control (RBAC), reducing unauthorized access incidents by **30%**.

I am particularly excited about Ada's work with **LLMs and AI-driven automation**, as my experience integrating **AI APIs, cloud-based microservices, and scalable backend architectures** aligns well with Ada's AI transformation initiatives. Additionally, my exposure to **Agile methodologies, debugging production systems, and conducting code reviews** has equipped me to **deliver high-quality production-ready code** while collaborating in cross-functional teams.

Beyond my technical skills, I value **problem-solving, continuous learning, and innovation**—qualities that I believe are essential in a dynamic AI-driven company like Ada. I look forward to the opportunity to apply my skills, **actively contribute to Ada's engineering initiatives**, and grow within an organization that is pioneering AI-powered customer service.

I would welcome the opportunity to discuss how my skills and experience can contribute to Ada's team. Thank you for your time and consideration. I look forward to hearing from you.

Sincerely,

Vraj Shah