

**Vraj Shah**

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Hiring Team

Mercury

**Subject:** Application for Backend Engineer Intern

Dear Hiring Team,

I've always admired how innovation transforms industries, and the foundational work of pioneers like Michael Faraday continues to inspire me. Similarly, your mission at Mercury to provide elegant financial solutions for over 100,000 businesses resonates with my passion for crafting intuitive and scalable backend systems. As a backend-focused Engineering Intern with a strong problem-solving mindset and eagerness to learn, I am excited about the opportunity to contribute to Mercury's product development.

With two years of experience as a Software Engineer at Simform Solutions, I have honed my backend development skills using Kotlin and Spring Boot to deliver scalable microservices solutions. I led system architecture discussions and deployed containerized services using Kubernetes and Docker. My role also involved cross-functional collaboration and mentoring, which taught me the value of knowledge sharing and clear technical communication—traits I understand are essential at Mercury.

What excites me most about this role is the opportunity to gain hands-on experience in Haskell. Though I'm new to the language, my strong foundation in backend programming and passion for learning position me to quickly adapt and contribute effectively to your backend systems. Additionally, my work with SQL databases, API integrations, and CI/CD pipelines aligns well with Mercury's goals for backend engineering.

Beyond technical contributions, I thrive on working in environments where curiosity and continuous improvement are encouraged. I look forward to collaborating with experienced engineers and learning from their mentorship as I further develop my craft.

I would welcome the chance to discuss how my background and enthusiasm for backend development can contribute to Mercury's innovative solutions. Thank you for your time and consideration.

Looking forward to hearing from you.

Sincerely,

Vraj Shah