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21 Feb 2025

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Hiring Team

Arcadis

Subject: Application for DevOps Co-op Student Position

Dear Hiring Team,

Building efficient and scalable infrastructure has always been a driving force behind my work in software development. With hands-on experience in **CI/CD automation, cloud infrastructure, and backend development for mobile applications**, I am eager to contribute my expertise to Arcadis as a **DevOps Co-op Student**. The opportunity to collaborate with teams focused on mobile applications and SaaS products aligns well with my technical background and passion for streamlining software deployment processes.

At **Simform Solutions**, I worked as a **Software Engineer**, where I **developed and optimized backend web services** for mobile applications using **Java and Spring Boot**, enhancing performance by **40%**. I also played a key role in **automating infrastructure setup using Ansible and Terraform**, reducing provisioning time and manual effort by **40%**. My experience extends to **CI/CD pipeline management using Jenkins and GitHub Actions**, where I integrated automated testing and deployment strategies, minimizing deployment failures by **25%**. Additionally, my background in **SQL and MongoDB query optimization** has helped improve data retrieval speed and integrity.

Beyond backend development and infrastructure automation, I have actively contributed to **Linux system administration**, ensuring **high availability and security of production environments** through **monitoring tools like AWS CloudWatch and Splunk**. My ability to **troubleshoot mobile application integration issues** and collaborate with **cross-functional teams in Agile environments** has strengthened my problem-solving skills and adaptability—key attributes for this role at Arcadis.

Pursuing a **Master of Applied Computer Science at Dalhousie University**, I continuously refine my skills in **cloud technologies, automation, and mobile application support**. The prospect of working with Arcadis to support mobile technology users and contribute to **backend mobile web service development** excites me, as it allows me to merge my technical expertise with my passion for innovation in mobile solutions.

I would love the opportunity to discuss how my background aligns with this role. Please feel free to contact me at your convenience to arrange a conversation. Thank you for your time and consideration—I look forward to the possibility of contributing to your team.

Sincerely,
Vraj Shah