

Akshit Gulia

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EDUCATION

McMaster University

Bachelor of Engineering in Software Engineering (Co-op) ☞

- Honours: Summa Cum Laude

Hamilton, ON

Sep. 2020 – June 2025

EXPERIENCE

Frontend Developer Intern

Jan. 2024 – Aug. 2024

goeasy

Mississauga, ON

- Architected a scalable relational content model in Contentful to support a dynamic frontend for goeasy's loan application web app, reducing the marketing team's dependency on developer support for content updates.
- Developed a custom React + TypeScript Contentful app with an intuitive UI, enabling marketing team to easily define conditions for rendering a question in goeasy's loan application web app.
- Optimized Next.js frontend performance in the goeasy Connect web app by streamlining API calls, reducing load times by approximately 300ms and improving responsiveness for thousands of concurrent users.
- Automated data extraction and JSON transformation for a key component of the easyfinancial web app serving 60,000+ weekly users, ensuring data integrity and saving 7.5 hours of manual effort.
- Built a Node.js tool to automate CMS content migration, eliminating 22.5 hours of manual work.
- Participated in a cross-departmental research initiative investigating technology pain points across the organization, and co-presented findings and recommendations to the CIO and VPs to enable operational improvements.
- Documented Git workflows and branching strategies in Confluence to improve team collaboration and onboarding efficiency.

Business Analyst Intern

Sep. 2023 – Dec. 2023

goeasy

Mississauga, ON

- Collaboratively developed a Business Capability Model through stakeholder interviews, identifying critical areas and gaps across the organization to enable informed resource allocation.
- Championed the Excel automation initiative by leveraging Excel formulas, tables and automation scripts written in TypeScript, resulting in a streamlined workflow and 3x increase in productivity.
- Gathered and consolidated business requirements from multiple teams across the organization, translating them into clear user stories in Jira to improve sprint planning and delivery.
- Compiled stakeholder insights into PowerPoint and Excel artifacts, including one presented to C-level leadership.

Backend Developer Intern

May 2022 – Aug. 2022

VLink

Gurugram, HR

- Engineered backend services using Java Spring Boot to extract and deliver structured data via RESTful APIs.
- Participated in SDLC tasks including development, integration, testing, and documentation of APIs.
- Debugged backend services and ensured adherence to performance, logging, and error-handling standards.

PROJECTS

SyncMaster - City of Hamilton | AWS, Python, Next.js, TypeScript, Redux, Material UI

- Led frontend development for a scalable digital platform centralizing 500+ fieldwork documents, enhancing real-time access for city contractors.
- Replaced manual check-in logbooks across 100+ sites with a digital check-in system, integrating media uploads for presence verification and billing accuracy.
- Designed UI/UX prototypes in Figma and validated workflows with stakeholders to guide frontend development.
- Implemented CI/CD workflows with GitHub Actions and produced technical documentation (SRS, V&V Plan/Report, Hazard Analysis) to support development and compliance.
- Utilized AWS cloud infrastructure to ensure scalability, high availability, and cost-efficiency.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, TypeScript, HTML/CSS

Frameworks/Libraries: Spring Boot, React, Next.js, Node.js, Material UI

Cloud/DevOps: AWS, GitHub Actions, Docker

Tools: Git, Jira, Confluence, Figma

Practices: Test Driven Development, SDLC, RESTful APIs, Agile, CI/CD