

Nameson Gaudel

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Summary

Welcome to my profile! I am a Software Engineer with a strong focus on Cloud and Distributed Systems. Passionate about problem-solving and leveraging my knowledge to create innovative solutions in the tech world.

My journey started with a profound interest in Physics, which equipped me with a unique perspective and a deep understanding of the underlying principles governing complex systems. This foundation laid the groundwork for my transition into software engineering, where I blend the beauty of theoretical knowledge with the practicality of coding and system development.

With a keen interest in Cloud and Distributed Systems, I thrive in architecting scalable, resilient, and efficient solutions that transcend traditional boundaries. I enjoy the challenge of designing and implementing systems that seamlessly operate in distributed environments, ensuring optimal performance and reliability.

Let's connect and explore the endless possibilities at the intersection of software, physics, and problem-solving!

Experience



Software Engineer

TechKraft Inc.

Nov 2022 - Dec 2023 (1 year 2 months)

Led the rewrite of the loan management system from .NET framework in MVC to .NET core using Clean Architecture:

- Achieved a smooth transition maintaining application function
- Enhanced application performance by 60%
- Significantly improved response time, elevating user experience
- Improved system portability and adaptability to varying workloads.
- Improved readability and maintainability of code and streamlined onboard process for new dev through doc and system diagram
- Implemented log processing with elastic search made production debugging easy for developers

Power Bi Reporting Proxy

- Build and deploy Power BI reverse proxy for report generation and web view using web assembly with c# and .NET technology.

Maintenance and Feature Addition in Financial Management System:

- Conceptualized, designed, and implemented a cutting-edge Group Deposit system tailored for cooperatives, streamlining and securing the deposit process.
- Engineered seamless integration with a telecommunication system, ensuring ease of use and security in deposit transactions.
- Implemented SMS functionality to facilitate deposits in rural areas where internet access may be limited, providing a reliable alternative for users resulting in a 30% increase in deposit transactions.

- Designed and implemented a robust notification system to enhance real-time communication within the existing infrastructure.
- Spearheaded the refactoring of an outdated system, optimizing its performance and responsiveness to meet current industry standards.
- Collaborated with cross-functional teams to ensure seamless integration of the new notification system, resulting in a 20% increase in system efficiency.



Software Engineer Intern

TechKraft Inc.

Aug 2022 - Oct 2022 (3 months)

Result:

- Learn and participated in SCRUM flow [Sprint Meeting, Task Dividing, Task Weight, Daily Meeting, Retrospectriving, and others]
- Refactor code to use different design patterns making the application more composite, lose a couple and better adapted to change
- Designed and built a custom identity server without using any packages [Identity Server Clone]
- Understand and document the inner workings of .NET technology and React.js

Education



Lambton College

Postgraduate Degree, DevOps

Jan 2024 - Dec 2025



Tribhuvan University

Bachelor's degree, Physics

Oct 2017 - Oct 2022

Skills

Model-View-Controller (MVC) • Git • GitHub • Azure DevOps Services • Jira • Microsoft SQL Server
• RabbitMQ • Redis • Elasticsearch • Azure Functions