



KRUPA PATEL

Calgary, AB

☎ +1(639)-525-1599 ✉ krupapatelkdp.729@gmail.com  [linkedin.com/in/krupapatel](https://www.linkedin.com/in/krupapatel)  github.com/krupa

Education

University of Regina

May 2021 – April 2023

Master of Science in Computer Science

Regina, SK

Technical Skills

Languages: Python, Java, C#, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Eclipse, Google Cloud Platform

Technologies/Frameworks: .NET, Angular JS, Ngix, Jenkins, GitHub

Databases: MongoDB, MySQL, ORACLE, MS SQL

Experience

WolkNetz Inc.

Jan 2024 – Present

Software Developer

Remote

- **Developed an innovative online service booking platform** using the Laravel framework. Optimized the platform's **scalability and maintainability** by leveraging Laravel's MVC architecture.
- Enhanced user experience by integrating a **user-friendly interface** with robust backend functionalities, significantly streamlining the service booking process.
- Implemented advanced functionalities such as **real-time scheduling, automated service reminders**, and comprehensive customer management, contributing to a **10% revenue growth**.
- Gained valuable insights on cloud concepts including **IAM roles, load balancing, resource management**, and **data migration**, enhancing operational efficiency and cloud infrastructure security.

SaskEnergy & TransGas Inc.

September 2022 – December 2022

Enterprise Network Engineer- CoOp

Regina, SK

- **Applied technical expertise to support the integration of 4G LTE radios within the broader network infrastructure**, significantly enhancing operational efficiency and network reliability through advanced configuration management and optimization techniques.
- Employed state-of-the-art **analysis techniques**, including facilitation methods and **dynamic modeling tools**, to capture and model requirements for business-driven enhancements and the introduction of innovative functionalities, aligning with **agile methodologies**.
- **Resolved an inventory management challenge** by designing and implementing a robust digital management system, leveraging IoT and cloud technologies to replace outdated manual record-keeping practices, which increased data accuracy by 35%.
- Utilized **advanced data analytics and machine learning algorithms** to develop targeted maintenance and repair strategies, effectively **reducing the need for costly equipment replacements by 60%** and enhancing system longevity.

(n)Code GNFC

January 2020 – April 2021

Web Developer

Gujarat, IND

- **Engineered comprehensive data validation frameworks** utilizing **advanced regular expressions** to bolster the **integrity and security** of user inputs across various modules of the platform, significantly reducing data breaches and enhancing system reliability.
- **Led the development of a state-of-the-art E-commerce platform** for camera gear, employing **MVC architecture** and intricate regular expression validations to ensure flawless data transactions. This initiative propelled a **10% increase in monthly sales** and featured an **intuitive admin panel** that streamlined backend operations and improved financial tracking.
- **Authored and refined Software Requirement Specification Reports**, incorporating **detailed Gantt charts** and precise timelines, which dramatically improved project execution and stakeholder communication, thereby optimizing resource allocation and deadline adherence.
- **Directed and orchestrated multiple high-stakes projects simultaneously**, fostering a collaborative environment among developers and designers to not only meet but exceed client expectations. This leadership significantly contributed to maintaining high client satisfaction and delivering solutions that consistently aligned with strategic business goals.