DIVYA PATEL

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Enthusiastic Software Developer, specializing in Health Informatics Technology, demonstrating skill in data analysis to leverage decision-making, processing a solution-driven mindset while showcasing a robust leadership capacity. Proficient in software system design, process design and analysis with heightened ability to maintain technical documentation while supporting functional and performance testing.

SUMMARY OF SKILLS

- Software Engineering Technology student, specializing in Health Informatics Technology
- Proficient and strategic communicator evidenced by instructor work and nursing management in the clinical environment.
- Experience with data visualization tools such as PowerBi, and best practices for data privacy and security
- **Programming**: C#, SQL, SAS, MongoDB, JavaScript, Java, HTML and CSS, NodeJS
- **Essential Tools:** Git, Adobe, Jira for project management, MS Office Suite proficiency, Hl7 data processing
- **Electronic Health/Medical Record Systems:** PointClickCare, MediTech, EPIC, eHealth Ontario Portal,ClinicalConnect

EDUCATION

Health Informatics Technology (Co-op) Advanced Diploma   January 2023- Present
Centennial College, Toronto, ON

Core Skills: SQL | Python | C# | Linux/Unix OS | Web Application Development | Health Information Exchange
 Web Interface Design | Structures of HCIS | Software Design | Java | SASS | Client-Side Development |
Adobe | Git | Visio | Visual Paradigm

Practical Nursing Diploma   Graduated, October 2019
Georgian College, Barrie, ON

ACADEMIC PROJECTS

- Designed and developed front-end project "Catch the Cookie Monster" click-button GUI game, including an accessible and engaging GUI demonstrating creativity and skill using JavaScript, HTML5 and CSS3 and Bootstrap. Using Git/GitHub to manage code, and deploying projects with Windows
- Leveraging SQL queries to create a robust hardware inventory database system, meticulously managing inventory, orders, customer data, product details and manufacturing information. This involved the utilization of Entity Relationship diagrams, conceptual models, and internal models in junction with schemas to ensure optimal database organization and functionality.
- Lead a Software Requirements Specification project for *CareSync,* designing a centralized pharmacy and health management application/solution with UML diagrams including functional and nonfunctional requirements including user stories and test cases.

WORK EXPERIENCE

Instructor | Central Health Institute | Hamilton, ON   April 2022 - Present
- Increased student engagement by 20% through the development and implementation of professional nursing development opportunities, resulting in higher GPA, palliation, and crisis training participation.
- Fostering an inclusive learning environment proven with positive feedback from students, with 95% reporting improved understanding and confidence in nursing fundamentals.

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- Demonstrating excellence with increased student confidence in electronic health records using PointClickCare software through clinical experience and guidance in troubleshooting documentation tools.

Clinical Care Coordinator | Pimakslirvik Corporation | Iqaluit, NU October 2022- January 2023
- Enhanced team efficiency by streamlining staff scheduling, resulting in a 15% reduction in scheduling conflicts, measured through improved attendance rates.
- Led a successful initiative to improve patient care transitions, resulting in a 25% decrease in unnecessary diagnostic tests, as measured by patient feedback and diagnostic ordering data proving commitment to patient safety.
- Developed cloud-based documentation system for registered staff to streamline nursing reports to each shift demonstrating innovation and information integrity as improvement strategy.

Licensed Practical Nurse | Government of Nunavut | Pangnirtung, NU October 2021- February 2022
- Administered immunizations to more than 500 community members during mass Flu and COVAX clinics, contributing to increased community health protection.
- Facilitated the first community Pediatric Pfizer clinic to more than 300 Inuit children using MediTech systems and QR code generator to increase community immunity during COVID pandemic. The clinic successfully vaccinated over 60% of the community's children population on the first day.