

Neel Patel

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EDUCATION

Seneca Polytechnic

Sep 2024 – May 2026

Computer Programming

EXPERIENCE

Residence Assistant

Aug 2023 – Feb 2024

University of Alberta

- **Promoted** a safe and inclusive living environment for over 100 residents, fostering community and belonging through monthly social and educational events.
- **Conducted** weekly floor meetings and maintained open communication channels, ensuring residents were informed about campus resources and residence policies.
- **Managed** administrative duties, including incident reporting, maintenance requests, and resident check-ins/check-outs, ensuring efficient operation of residence facilities.
- **Responded** promptly to emergencies and crises, providing first-line support and coordination with campus security and emergency services.

Data Analyst Intern

Mar 2022 – Aug 2022

Narayan Organic Exports

- **Integrated** and **optimized** a database system within the ERP, boosting data efficiency by **25%** and process efficiency by **30%**.
- **Developed** a database management roadmap enhancing scalability and security, supporting international expansion.
- **Implemented** database security measures, reducing cyber-attack vulnerability by **40%** and ensuring GDPR compliance.
- **Streamlined** database compliance with international trade laws, automating checks and reducing manual oversight by **50%**.

PROJECTS

AI-Powered Personal finance tool

Aug 2024

- **Developed** and **deployed** an AI-powered personal finance tool, achieving **95% accuracy** in categorizing financial transactions.
- **Implemented** budget-tracking features that can help users save an average of **\$200 per month**.
- **Optimized** the machine learning algorithms to reduce processing time by **40%**, enhancing user experience and efficiency.
- **Designed** a user-friendly dashboard that reduced user query resolution time by **50%**.

Invoicing Software

Feb 2024

- **Developed** Invoicing Bridge using **ReactJS**, a dashboard for streamlined data management and invoice analysis, reducing invoice task time by **30%**.
- **Implemented** database optimizations, improving query performance by **40%**, and enhancing data handling efficiency.
- **Utilized** Selenium for UI testing, achieving a **99% success rate** in functionality tests, ensuring system reliability.
- **Documented** database schemas and testing protocols, leading to a project success with a **99% customer satisfaction rating**.

SKILLS

Programming: Java, Python, JavaScript, HTML/CSS, SQL, Node.js, React.js, MATLAB, C++, C, Ruby, Swift (iOS)

Tools: Android Studio, IntelliJ, PyCharm, Eclipse, AWS, Jupyter Notebooks, Git, Bootstrap, Spring Boot, Agile