

# Sharad Patel

☎ +1 647-895-5349 | ✉ [sharadpatel.main@gmail.com](mailto:sharadpatel.main@gmail.com) | in [linkedin.com/in/sharadpatel1703](https://www.linkedin.com/in/sharadpatel1703) | 🐙 [github.com/SharadPatel1703](https://github.com/SharadPatel1703)

## PROFESSIONAL SUMMARY

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Versatile technology professional with expertise in software development and data analysis. Strong foundation in full-stack development, database management, and implementing data-driven solutions. Demonstrated ability to translate business requirements into technical solutions while maintaining focus on quality and user experience.

## TECHNICAL SKILLS

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- **Programming Languages:** Python, JavaScript/TypeScript, Java, C/C++, PHP, C#
- **Web Development:** React.js, Node.js, Flask, Django, HTML/CSS, RESTful APIs
- **Data Analysis:** SQL, Power BI, Tableau, Statistical Analysis, Data Visualization
- **Cloud & DevOps:** AWS, Azure, Git, Docker
- **Databases:** MySQL, MongoDB, GraphQL
- **Tools & Technologies:** Microsoft Office Suite, SharePoint, Azure DevOps

## PROFESSIONAL EXPERIENCE

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### Software Development and Automation Volunteer

June 2024 - July 2024

Devxchange International, Toronto, ON

- Developed and implemented automated data collection system using Python and Beautiful Soup
- Created and maintained KPI dashboards using Power BI for performance tracking
- Implemented RESTful APIs for data synchronization between systems
- Established automated testing frameworks and data validation procedures
- Deployed efficient cron jobs for scheduled updates, improving data accuracy by 95%

### Customer Service Representative PT

July 2023 - Present

Toronto Transit Commission (TTC), Toronto, ON

- Maintain 98% accuracy in real-time information delivery during service disruptions
- Achieve 95% customer satisfaction through effective communication
- Collaborate with cross-functional teams to optimize operational efficiency
- Handle complex data entry and reporting tasks with high accuracy

## PROJECTS

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### AI-Powered Market Analyzer, [GitHub](#)

November 2024

- Developed a full-stack market intelligence application using Next.js with TypeScript and FastAPI
- Implemented advanced NLP techniques including sentiment analysis and text embeddings for competitor analysis
- Engineered RESTful APIs for seamless integration between frontend and AI backend services
- Created responsive dashboards for visualizing market trends and competitor insights
- Utilized machine learning models to analyze and predict market positioning
- Achieved efficient data processing through optimized database queries and caching strategies

### SQL Data Analysis Project - Tech Industry Layoffs, [GitHub](#)

February 2024

- Performed comprehensive data cleaning and transformation on a complex dataset of tech industry layoffs
- Developed complex SQL queries to analyze layoff trends by region, company size, and demographics

- Created stored procedures for automated data analysis and reporting
- Implemented data integrity checks and validation procedures ensuring 99% accuracy
- Generated insights on industry-wide patterns using advanced SQL functions and window operations

### Banking Management System, [GitHub](#)

December 2023

- Developed secure financial application using Java and MySQL
- Implemented robust data validation and error handling systems
- Created detailed system documentation and user guides
- Managed end-to-end testing and quality assurance processes

## EDUCATION

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### Computer Programming Diploma

*April 2023 - December 2024 (Expected)*

*Georgian College (ILAC), Toronto, ON*

- Relevant Coursework: Software Development, Data Analysis, Database Management, Business Intelligence
- Technical Focus: Full-stack Development, Data Visualization, Cloud Computing
- Well-versed in software development practices, including version control and collaborative coding