

# Barjinder Singh

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## SOFTWARE ENGINEER

Results-driven and detail-oriented .NET Developer with a strong foundation in software development and a passion for delivering impactful solutions. With a diploma in software engineering, I aim to leverage my skills in C#, .NET, Azure, SQL, and modern web technologies to drive performance improvements and contribute to the successful delivery of projects. Focused on enhancing user experience, optimizing system efficiency, and delivering measurable business results in a collaborative environment.

## TECHNICAL PROFICIENCIES

Programming Languages	C#, HTML, CSS, JavaScript, SQL, Python, NoSQL
.NET Skills	ASP.NET, .NET Core, Razor Pages, .NET MAUI
Development Tools	Azure (Web Apps, Azure Functions)
Data Processing Techniques	Data Modeling, ETL, Data Transformation, Web Scraping
IDE Tools	Visual Studio, Visual Studio Code
Business Intelligence Tools	Power BI, Excel, Tableau, Matplotlib, Plotly, Seaborn

## ADDITIONAL SKILLS

- Familiar with: Node.js, Flask, Machine Learning (ML), Scikit-learn, TensorFlow, AZURE, Java, Looker
- Learning: Web development frameworks, Data Science tools, ML, Deep Learning, AI and other advanced C# concepts

## PROJECTS

**PERSONAL PORTFOLIO WEBSITE | BOOK STORE APPLICATION | E-BIKE STORE | KLINIC MANAGEMENT SYSTEM | COFFEE SHOP WEBSITE | BLOG APPLICATION**

- Razor Pages Portfolio:** Developed a front-end personal portfolio website to showcase skills and projects using Razor Pages in .NET MVC.
- Book Store Application:** Built a full-stack bookstore application, integrating front-end, back-end, and SQL Server database, with user authentication and checkout functionalities.
- E-Bike Store:** Created an e-bike store with front-end and back-end CRUD operations, utilizing SQL for database management and simple product listing features.
- Klinic Application:** Used front-end templates and integrated them with .NET MVC to create a clinic management system, ensuring smooth interaction between UI and backend functionality.
- Coffee Shop Application:** Developed a coffee shop website using front-end templates, connecting them with back-end logic and database integration, currently in progress.

- **Blog Application:** Designed a blog platform using front-end templates with back-end functionality, database integration, and CRUD features for posts and comments.

## PROFESSIONAL EXPERIENCE

Get Sol Inc. | Data Analyst/Bi Developer | Toronto, ON

2023 – Present

- **Power BI Dashboards & KPI Development:**  
Developed 10+ interactive Power BI dashboards and 15 KPIs, improving data visualization by 30% and reporting accuracy by 25%, supporting decision-making and operational efficiency.
- **SQL Data Extraction & Analysis:**  
Extracted and analyzed data from multiple sources using SQL, creating semantic models for accurate reporting and delivering insights that improved business efficiency by 20%.
- **Cross-Functional Collaboration:**  
Collaborated with 3+ cross-functional teams (IT, Operations, and Business) to gather data requirements, optimizing BI solutions and improving alignment with business goals by 15%.
- **ETL & Data Validation:**  
Managed ETL processes, ensuring 99% data accuracy through effective cleansing and validation techniques, guaranteeing reliable data flow for reporting.
- **Dynamic Reporting & Insights:**  
Created 20+ dynamic reports and visualizations using Power BI and SQL, improving reporting precision by 35% and enabling data-driven decisions.

Keena Metal | SAP Analyst

Feb 2020 – Dec 2022

- **Data-Driven Project Insights:**  
Managed SAP MM projects, performing fit/gap analyses with data modeling and statistical techniques, increasing user satisfaction by 25%.
- **Master Data Standardization:**  
Standardized master data for organizations, improving procurement efficiency by 40% through data cleansing and validation.
- **Stakeholder Reporting & BI Insights:**  
Provided insights via dashboards and BI reports, facilitating 10+ stakeholder reviews to drive strategic decisions.
- **UAT Data Performance:**  
Oversaw UAT data performance for 2+ implementations, achieving a 95% issue resolution success rate through test data analysis and system monitoring.
- **End-User SAP Training:** Trained 10+ end-users on SAP ensuring effective use of the system for daily operations and reporting. Improved user proficiency by 35%, resulting in reduced errors and enhanced productivity.

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## EDUCATION

Software Engineering   Diploma-2024	Canadian Business College, Toronto, On
Financial Planning   2010	Centennial College, Toronto, On
Bachelor of Commerce   2009	GPC College, India

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## CERTIFICATIONS

SAP Sourcing and Procurement