Pushpinder Kaur

Mississauga, Ontario, Canada | 01pushpinderkaur@gmail.com| 647-710-3294 | linkedin/Pushpinder

Status: Permanent Resident, Canada

Profile

Accomplished IT Professional with 6+ years of experience in system integration, enterprise web application development, Restful APIs and data-centric solutions using .NET and SQL Server. Proven expertise in designing scalable architectures, optimizing complex workflows, and delivering business intelligence solutions for government and enterprise clients. Adept at bridging business needs with technical solutions and leading cross-functional teams in large distributed environments

Core Skills

- **Programming & Frameworks:** C#, ASP.NET, MVC, Core Java, Angular, Web API, WCF Web services, RESTful Services, Microservices, Entity Framework

- **Frontend & Web:** JavaScript, jQuery, HTML5, CSS3, Bootstrap

- **Databases & Tools:** SQL Server, T-SQL, Oracle, MongoDB, SSMS (SQL Server Management Studio)

- **Cloud & DevOps:** Azure Storage, CI/CD Pipelines, IIS, Version Control, DevOps practices, Postman, Agile methodologies

- **Development Tools and Platforms:** Visual Studio, NetBeans, Eclipse, Shopify

- **Certifications:** Google Cloud Certified Associate Cloud Engineer, Microsoft Azure Fundamentals (Cloud Concepts), DevOps Foundations

Professional Experience

IT Analyst
Nov 2023 – Aug 2025   **Tata Consultancy Services, Hyderabad, India**

- Designed and maintained scalable web applications, RESTful APIs using ASP.NET, C#, and SQL Server, delivering robust and maintainable solutions for government stakeholders.

- Developed and optimized complex SQL stored procedures, reducing query execution time by 90% and enabling efficient large-scale data processing.

- Implemented Azure Storage solutions to handle high-volume data, improving scalability and performance of mission-critical applications by 60%.

- Introduced a dynamic Web API mechanism that accelerated project delivery cycles by 80%, improving productivity and eliminating any backend coding changes.

- Built and deployed interactive dashboards, providing actionable insights for state-level governance programs.

- Planned and led system integrations across departments and ensuring seamless data migration for large-scale users.

- Provided technical mentorship to junior developers, ensuring adherence to coding standards and conducting peer reviews that enhanced overall code quality and team productivity.

Systems Engineer
Jun 2019 – Nov 2023   **Tata Consultancy Services, Hyderabad, India**

- Designed RESTful APIs and reusable components, enabling interoperability across large enterprise systems.

- Developed secure authentication and digital signature modules, ensuring compliance with national regulations.

- Integrated dependency injection and inversion of control (IoC) to ensure modularity and maintainability.

- Applied static code analysis tools (SonarLint) to enforce quality standards and reduce technical debt.

- Delivered integration of structured and semi-structured data sources, supporting real-time monitoring and reporting.

Web Developer
Jan 2019 – May 2019   **TechQuest IT Solutions, Mohali, India**

- Developed and maintained e-commerce websites using core Java, HTML, CSS, and JavaScript.

- Enhanced user experience with custom search, feedback systems, and navigation features.

- Developed advanced navigation menus for e-commerce platforms using Shopify

Key Projects

IMMS: Integrated Monitoring and Management System

- Engineered a web/mobile platform integrating inspection, attendance, and logistics data.

- Improved service delivery for nutrition and education programs.

MGNREGS: Rural Employment Digital Transformation

- Developed solutions for accurate workforce allocation and wage disbursement
- Improving transparency and accountability in government assistance programs.

Education

Bachelor of Technology in Computer Science and Engineering
Punjab Technical University, India   Aug 2015 – May 2019

GPA: 9.02/10.00
Coursework: Data Structures, Databases, System Design, OOP, Operating Systems