**Subhanshu Gupta**

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**Summary**

* Software Development Lead with 11 years of experience in **Full Stack Development**, **Banking**, and **Pharmacovigilance**, specializing in **C#, .NET, Web API, Angular, PL/SQL, Cognos Analytics and Power BI**.
* Proficient in **Snowflake**, **Data Warehousing, Python**, **C#**, and **.NET**, with expertise in designing scalable **Web Applications** and optimizing large-scale systems.
* Recognized for improving **application performance**, enhancing **analytics systems**, and driving **business intelligence** through modern data warehousing techniques.

**Technical Skills**

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| Languages & Web Technologies | C#.NET, ASP.NET, .NET Framework, MVC, REST APIs, JavaScript, Angular, PL/SQL and SQL. |
| Databases | Snowflake, Oracle. |
| Tools | Visual Studio, Oracle SQL Developer, Git, Jupyter Notebook, Cognos Analytics, Power BI. |
| Other Technologies | XML, JSON, Data Warehousing, Database Design, Performance Optimization, Query Optimization. |
| Methodologies | Agile, DevOps, CI/CD for ETL pipelines. |

**Work Experience**

**IQVIA, Noida - UP**

**Lead Software Developer**

[July, 2021 – Present]

* Implemented scalable enterprise standard **Web APIs** and **Web Applications** using **C#.NET, Angular.js** and **SQL**.
* Created Interactive Reports and Dashboards in **Cognos** **Analytics** and **Power BI**.
* Achieved a **30% reduction in execution time** by optimizing PL/SQL procedures and ETL workflows.
* Led **client demonstrations** to showcase solutions, gathering feedback to refine and enhance application features.
* Conducted **root cause analysis** to resolve application issues, ensuring system reliability and minimizing downtime.
* **Led a team of 5** highly motivated developers to deliver quality products within stringent timelines.

**Senior Software Engineer**

[April, 2019 – June, 2021]

* Developed robust **C#.NET and Angular.js applications** and integrated them with high-performing **PL/SQL-driven databases**.
* Implemented **dimensional modeling** and created efficient Data Warehouses, achieving a **25% improvement in execution time**.
* Mentored junior developers, promoting best practices in **Web Development and Database Development**.
* **Designed Web and Database solutions** to handle large-scale transactional data efficiently.

**Software Engineer 1**

**[June, 2017 – March, 2019]**

* Redesigned **C#.NET application development**, ensuring functionality and scalability for business needs.
* Assisted in developing and managing **ETL workflows** using **PL/SQL** for streamlined data integration.

**Newgen Software Technologies Ltd. , Noida - UP**

**Senior Software Engineer**

**[July, 2016 – May, 2017]**

* Designed and developed **C#.NET applications** while optimizing SQL queries to improve database performance.
* Led **client demonstrations**, effectively communicating technical features and gathering requirements for enhancements.
* Mentored junior team members, fostering growth in **Web Application Development**.

**Software Engineer**

**[July, 2014 – June, 2016]**

* Created scalable **C# and .NET applications**, enhancing user experience and system efficiency.
* Assisted in **SQL database design** and query optimization, ensuring seamless data retrieval and reporting.
* Collaborated with cross-functional teams to implement solutions aligned with client needs.

**Recent Projects**

* **PVQ and PVM Application Enhancement for 30+ Pharmaceutical Clients – IQVIA:**
* Led the enhancement of the PV Query Application for 30+ pharmaceutical clients.
* Built C#.NET Web APIs for integration with Cognos Analytics.
* Upgraded existing Web UI to latest Angular Framework with additional features.
* Designed efficient data models and optimized ETL processes for Data Mart loading.
* Improved PL/SQL procedures for faster data retrieval and reporting.
* **IQVIA Vigilance Platform (IVP) – IQVIA:**
* Enhanced the IVP Analytics Application using Snowflake and Python.
* Streamlined ETL processes and improved data retrieval speeds through query optimization.
* Developed custom Google Looker dashboards for advanced reporting and compliance.
* Collaborated with stakeholders to gather requirements and enhance user experience.
* **IVP Signal – IQVIA:**
* Led the development of IVP Signal Application.
* Implemented complex Signal detection Algorithms like EBGM, ROR and PRR.
* Designed efficient data models and optimized ETL processes for Data Mart loading.
* Improved PL/SQL procedures for faster data retrieval and reporting.
* **Configuration Management Tool - IQVIA:**
* Enhanced CMT for Argus Safety systems using C# and .NET.
* Added new features for configuration loading, exporting, and comparison.
* Optimized SQL queries for faster data retrieval.
* Collaborated with teams to deliver client-specific solutions.
* **Cheque Processing Solutions – Newgen Software:**
  + Developed scalable C#.NET web and Windows services for cheque processing.
  + Built features for handling post-dated and foreign currency cheques.
  + Created complex SQL queries for integration with the Core Banking System.

**Education**

* Data Science Career Track Springboard, Virtual [2021]
* B. Tech in Computer Science, UP Technical University [2014]

**Achievements**

* Received 3 IQVIA Impact Awards (Silver) for innovative contributions, including GenAI in Safety Systems (2024), PV Monitor (2021) and PV Intake (2020).
* Awarded (twice) with ‘Pat on the Back’ Award by Newgen for my work in my respective Projects.
* Part of Team (twice) winning the Newgen’s best Compliant Project for the period July’15 – Dec’15 and Jan’16 – Jun’16.