

Aman Abhishek

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Education

DR. DY Patil School of Engineering Academy, Pune, India

Bachelor of Engineering in Computer Science

Aug 2021

SGPA : 8.8

Technical Skills

- **Language:** Python, T-SQL, PL/SQL, JavaScript
- **Database:** Microsoft SQL Server, Oracle, DB2, MySQL
- **Technology:** Oracle, IBM Cloud Pak for Business Automation
- **Others:** Oracle SQL Developer, OIC Visual Builder, OIC Adapter, OIC Agent, Liquibase, DBeaver, Postman, WebSphere Application Server, REST, SOAP, JSON, XML, Confluence, Microsoft Power BI, Pandas, NumPy, SQLAlchemy, Statistics

Work Experience

Capgemini Technology Services India Limited

Senior Software Engineer

Aug 2021 - Aug 2024

Kolkata, India

- **Capgemini America, Inc and IBM Client**
 - * Worked as a Developer for the clients Capgemini America, Inc and IBM in building Smart Home Buying Solution - one-stop shop for customer as well bank to provide smooth experience on home buying experience as well as perpetual KYC (pKYC)
 - * **Integrated Cloud and On-Premises Databases:** Engineered seamless data integration and synchronization between cloud-based platforms and on-premises databases, ensuring efficient data flow and consistency
 - * **Data Management and Schema Design:** Managed real-estate datasets of approximately 50,000 records, performing data cleaning and conversion. Designed DB2 schemas and utilized SQL operations to handle property data efficiently, improving processing times by 30 percent
 - * **Transactions and Stored Procedures:** Maintained data integrity with transactions (Begin Tran, Commit, Rollback). Developed stored procedures for pKYC migration using SQL Cursors for detailed processing and Triggers for logging deleted records
 - * **Web Services and Optimization:** Implemented over 10 AJAX services on IBM Cloud Pak for CRUD operations. Managed full backups and optimized database performance with indexing strategies, reducing query times by 25 percent
 - * **Application Development and Client Interaction:** Developed buyer and seller screens with JavaScript validations and leveraged JSON datasets to create services for efficient user record management. Delivered multiple application demos to offshore clients and provided Knowledge Transfer to new team members
- **Prudential Assurance Company Singapore (Pte) Ltd Client**
 - * Worked as a Junior Developer in the Insurance Domain (PACS), designed and developed database and its application for DEV, SIT and UAT environments
 - * **Database Design and Development:** Designed and developed databases for Prudential Insurance application across DEV, SIT, and UAT environments. Implemented queries using CTEs, CASE statements, and Window Functions for managing policy holders
 - * **User Management Dashboard:** Created a user management dashboard with comprehensive validations to ensure data accuracy and user access control

- * **Liquibase Scripting and Transactions:** Created and maintained Liquibase scripts for New Business, Policy Servicing, and Claims using IntelliJ IDEA. Managed daily transactions and data modifications on tables
- * **Server Management, Backup and Version Control:** Managed server uptime through WebSphere Application Server. Performed regular database backups. Handled code repositories and version control with Bitbucket and Git Bash
- * **RESTful Services and Integration:** Developed services consuming RESTful APIs for application functionality. Tested APIs using Postman and validated payloads for multiple endpoints
- * **JIRA Ticket Resolution:** Resolved JIRA tickets ensuring timely resolution and smooth project progression

Projects

- **Evaluation of Handwritten Mathematical Equations**

Used Python to build a machine learning model using MATLAB, OpenCV, Neural Network to recognize handwritten equation on the paper

[View Published Paper](#)

- **Analyzing-unicorn-companies**

Utilized advanced SQL techniques to analyze use cases, determining the number of companies across various industries that achieved valuations exceeding 1 billion dollars within a specified time frame

[View on GitHub](#)

- **Unique Identification Number for Pets**

Utilized Node.js to establish connections with Microsoft SQL Server and JavaScript methods for developing interactive screens

[View on GitHub](#)

Awards and Certifications

View Certificates

- * **Spotlight Award 2023:** Received Capgemini Spotlight-Outstanding Performance Award 2023 for excellence in project delivery
- * **Client Commendation:** Received Appreciation Bonus and mail post appreciations for efficient and effective project delivery
- * **IBM Professional Certification:** IBM Certified Solution Architect - Cloud Pak for Business Automation v21.0.3

Interests

Reading physics books, tutoring, watching and playing Cricket