

PRAVEEN KUMAR SIDDELA

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EDUCATION

Master of Science in Information Technology

Arizona State University, Tempe

December 2024

GPA: 4.0/4.0

Bachelor of Engineering in Computer Science and Engineering

Osmania University, Hyderabad, INDIA

September 2020

GPA: 7.64/10.0

TECHNICAL SKILLS

Languages: SQL, T-SQL, PL/SQL, Java, Python, R, C, C++, Bash/Shell, JavaScript, Unix

Databases: SQL Server, Oracle DB, MySQL, ADB, MongoDB, PostgreSQL, BigQuery

Database Administration: High Availability (HA), Disaster Recovery (DR), Performance Tuning, Backup and Restore, Security Implementation, Index Management, SQL Server Profiler, DMV's, DBCC Commands

Data Engineering: ETL, Apache Spark, Hadoop, SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS), Data Warehousing, Data Mart Implementations

Development Tools & Technologies: ReactJS, Node.js, Redux, Rest API, JSON, HTTP, Docker, Jenkins, Kubernetes, AWS, Azure, Google Cloud Platform (GCP)

Development Methodologies: Agile, System Development Life Cycle (SDLC)

Soft Skills: Time Management, Problem Solving, Strong Verbal and Written Communication, Interpersonal Skills

WORK EXPERIENCE

Application Development Analyst, Accenture India Pvt. Ltd, Hyderabad, INDIA December 2020 - December 2022

- Engineered complex SQL queries, stored procedures, triggers, and functions, improving business processes for 20+ departments.
- Took initiative to reduce manual intervention by 50% through optimizing ETL processes using SSIS for diverse data sources.
- Ensured 95% accuracy and quick health program eligibility determination by designing and optimizing SQL procedures with Apache Spark.
- Supervised and maintained 50+ SSIS packages for automated data integration tasks and enhanced reporting capabilities by deploying 25+ comprehensive reports operating SSRS.
- Automated 30+ routine database tasks leveraging SQL scripts and scheduled jobs, while optimizing query performance by 40% through collaboration with developers to integrate SQL databases with front-end applications.
- Managed API efficiency during seamless data migration processes to Azure Cloud, resulting in a 30% reduction in data transfer times and a 20% increase in overall system performance.

Data Analyst Intern, Netcon Technologies, Hyderabad

January 2020 - June 2020

- Collaborated with cross-functional teams to analyze data leveraging SQL and Python, supporting strategy development for 10+ business units.
- Engaged in frequent communication with senior management to create and maintain 15+ Tableau dashboards, offering real-time insights and fostering informed decision-making.
- Partnered with cross-functional teams to identify data needs, streamlining reporting processes by 30%.

PROJECTS

Course Management System

January 2024 - May 2024

- Constructed a responsive web application for managing university courses using React.js and Node.js, implementing secure authentication (JWT) and deploying on Heroku for 99.9% uptime.
- Designed and upheld a MongoDB database, enhanced user experience with full responsiveness, and collaborated with a 5-member team using Git and JIRA, increasing data retrieval speed by 35%.

Sales Dashboard

August 2023 - November 2023

- Created an interactive sales dashboard in Tableau for real-time sales monitoring and analysis.

Insurance Policy Database Management System

January 2023 - April 2023

- Developed a comprehensive relational database management system with MySQL to manage insurance policy and claim data efficiently.
- Utilized advanced SQL queries, stored procedures, and triggers to automate policy claims processes, resulting in a 30% reduction in manual data entry errors.