

SACHIN JOSEPH

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Kitchener, Canada



SUMMARY

A passionate and results-driven professional with a robust background in Computer Science & Engineering complemented by a recent Post Graduate Certificate in Big Data Solution Architecture from Conestoga College. Proficient in database management, software development, and leveraging diverse technologies to drive innovative solutions.

EDUCATION

Conestoga College

Post Graduate Certificate

- Big Data Solution Architecture
- Jan 2023 to Aug 2023
- Graduation with distinction

APJ Abdul Kalam Technological University

Bachelor of Technology (Honors)

- Computer Science & Engineering
- Aug 2017 to Aug 2021
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SKILLS

- Database Management: MongoDB, SQL Server, Oracle PL/SQL, Oracle Reports, Oracle Forms
- Big Data: Hadoop, Hive, Apache Kafka, Apache Spark, Spark SQL
- Visualization: Power BI, Tableau
- Programming: Python, R, Scala, C, C++, Java
- Cloud: AWS, GCP
- Tools & Platforms: SSMS, MongoDB, dB Forge, Compass, NoSQL Booster, R Studio, Visual Studio, Databricks, Postman
- OS: Windows, Linux, Cloudera

PROFESSIONAL EXPERIENCE

Advanced Application Development Associate, Permanent

Accenture | Bangalore, India | July 2021 to Nov 2022

- Played a pivotal role as a MongoDB Developer on two significant projects - Skills-Navigator and Premium Skill Management.
- Oversaw MongoDB migrations encompassing development, staging, production, and cluster management, ensuring seamless transitions across various project phases.
- Provided extensive database support throughout the team's development lifecycle, contributing significantly to development, staging, and production stages.
- Collaborated closely with Business Analysts and Clients, engaging from the requirements stage to project completion, actively participating in decision-making, requirements analysis, and system architecture development.
- Developed MongoDB script-based reports and leveraged them to craft Power BI dashboards, facilitating in-depth product market analysis.
- Implemented Python scripts for MongoDB database management using Pymongo.

- Contributed as a SQL Developer for the V-pay project, wherein responsibilities included designing and maintaining the architecture for SQL Server databases.
- Developed tailored procedures, functions, and views for database-driven products based on SQL Server.
- Managed end-to-end SQL server migration processes and clusters across development, staging, and production stages.
- Undertook comprehensive training in Oracle PL/SQL & AWS, enhancing proficiency in database management and cloud development practices.

Chegg Expert

Chegg India | Remote | Aug 2019 to July 2021

- My expertise extends to addressing a wide array of database-related challenges, aiding students in mastering MySQL, a fundamental tool in managing and querying data effectively. I've assisted learners in comprehending complex queries, optimizing database structures, and troubleshooting issues.
- Additionally, I've guided students through coding problems in various programming languages, including Python, C, and C++, enabling them to strengthen their problem-solving skills and cultivate a deeper understanding of these languages' intricacies.
- Furthermore, my experience extends to web development frameworks like React.js, where I've supported students in understanding its functionality and implementing interactive user interfaces. Moreover, I've delved into statistical computing with R programming, helping students grasp the concepts and techniques essential for data analysis and visualization in this domain.

PROJECTS

Professional Project Experience

- Skills-Navigator
- Premium Skills Management
- V-pay

Academic & Professional Engagements

- E2E Job Portal using Python Django.
- Portfolio Web Application using ReactJS.
- Face Mask Detection Application using Python TensorFlow, IBM Watson and ReactJS.
- E-Commerce Web Application.

INTERNSHIPS

- **Machine Learning Intern**
Internship Studio | Remote |
May 2020 to July 2020
- **RPA Intern**
ICT Academy of Kerala | Remote |
March 2020
- **Ethical Hacking Intern**
Internshala Trainings | Remote |
Sep 2019 to Jan 2020
- **Machine Learning Intern**
Keltron Advanced Studies |
Thrissur, Kerala | Jul 2018 to Aug 2018

CERTIFICATIONS

- Academy Accreditation - Databricks Lakehouse Fundamentals
- Oracle Cloud Infrastructure Foundations 2021 Certified Associate
- Architecting With Google compute Engine
- MongoDB Python Developer- Mongo DB university
- AWS Fundamentals Specialization