

PARTH SHARMA

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DATA CENTER ANALYST

SQL | Microsoft Excel | Microsoft Power BI | Data Visualization | Python

- Aspiring Software Engineering graduate with proficiencies in Java, Python, C#, SQL, Java EE, and MongoDB, coupled with a solid comprehension of Data Warehouse and Machine Learning frameworks.
- In-depth knowledge in statistics, mathematics, and foundational business concepts acquired through extensive academic study.
- Proficient in data visualization technologies such as PowerBI, and matplotlib; actively pursuing an Online Data Analyst certification to further data analytics skills.
- Adept and quick to learn new technologies and methodologies, striving for continuous skill enhancement.
- Knowledgeable in cloud programming, with experience in both Azure and AWS environments.
- Collaborates effectively within diverse team settings, fostering a culture of mutual respect and collective expertise.

Experience

Wimtech, Centennial College

Centennial College

Back-End Developer, Special Compass Project

01/2022 - 04/2022

- Developed and maintained backend services for the Special Compass Project, focusing on community engagement.
- Managed server-side logic and database interactions, emphasizing efficient and secure data management.
- Utilized AWS extensively for backend database solutions, including creation and management of S3 buckets, configuration of EC2 instances, and setting up IAM users.
- Implemented Multi-Factor Authentication (MFA) for enhanced security measures.
- Played a key role in designing the backend architecture, ensuring scalability and robustness of the system.

Education

Software Engineering Technology

Jan 2022- April 2024

Centennial College

Progress Campus – Toronto Canada / [Link](#)

Relevant Studies: C#, Java, SQL, PLSQL, Data Structures, Data Warehousing and Predictive Analytics, Mathematics and Statistics, AWS, Spring Framework in Java, Development of Mobile Applications, Development of Web Applications.

Skills

Agile | Agile Methodologies | Algorithm Design | Algorithms | API | AWS | AWS.Services | Cloud Computing | Cloud Services | Configuration | Credit Analysis | Data Manipulation | Data Structure | Data Structures | Database Design | Database Management | EC2 | Flask | Flux | Front-end | HTML | IAM | Java | Java Spring | JPA | Machine Learning | Mathematics | Mobile Development | MongoDB | Node | Nodejs | NumPy | Oracle | Oracle SQL | Pandas | PLSQL | Postman | Predictive Analytics | Python | REST

Projects

CrediMax Credit Analysis System

Oracle SQL, PLSQL

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- Crafting an advanced database and schema setup, featuring a distinctive sequence for client identification.
- Establishing a process for credit score trend analysis, controlled by an administrator, utilizing optimized and compiled procedures.
- Facilitating integration with SQL Server Database to incorporate data from external sources.
- Developing an API to enable interaction with the SQL Server Database, concentrating on fetching and updating credit score information.
- Creating a web client application to display credit score insights, offering live updates and historical data analysis.
- The web application also supports user registration, empowering clients to actively track and manage their credit scores.

Digital Employment Connect Platform Development

AWS, C#, SQL, RESTful API, .NET Framework.

- Created an integrated digital service connecting job seekers with employers, targeting SMEs, recruitment firms, and academic bodies.
- Integrated essential functionalities including profiles, job listings, secure logins, and search capabilities, with future plans for AI-based job matching and messaging.
- Oversaw the development of the backend with .NET Core, structured the database using SQL, and executed deployments on cloud services, with a focus on system scalability and security.

Machine Learning Model Development and Deployment

PYTHON, DATA ANALYSIS

- Led the development of a machine learning classifier in Python, utilizing Scikit-learn, Pandas, and NumPy for data processing and model creation.
- Performed thorough validation and assessment to determine the most efficient classifier.
- Created a Python Flask-based API for deploying the model, facilitating instant predictions.
- Engineered an intuitive frontend for straightforward API use and data submission for model forecasts.

Languages

English Native

Hindi Native

Punjabi Native

French Beginner

VOLUNTEER EXPERIENCE & EXTRA-CURRICULAR ACTIVITIES & AWARDS

❖ Educate India Program

Jan 2020- Mar 2020

Shimla, Himachal Pradesh, India

- Engaged with disadvantaged youth through the Saakshar Bharat Mission, providing educational support.
- Offered tutoring in Mathematics and Science to junior high school students, fostering academic growth.

❖ Scored 1st Position in inter-School Hindi debate Competition in 2019.

❖ Secured 16th position over H.P. State in Mathematics Olympiad in 2018.

❖ Scored 1st Position in inter-School coding competition.