Rohan George

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EDUCATION

University of Georgia

Bachelor of Science in Management Information Systems & Computer Science

EXPERIENCE

Software Engineer Intern   **June 2022 - August 2022**

KPMG

- Optimized data lake storage to retain large volumes of structured data and helped implement data lake storage solutions to ensure data from different sources can be stored and ingested efficiently
- Designed structure for data sets in Azure notebooks using Python**,** R, and Scala to meet the needs of the firm such as developing modules for managing client information and obtaining tailored financial reports
- Enabled the framework for data engineering in Azure Databricks by establishing storage accounts, resource groups, and network firewalls to ensure company data security and compliance

Software Engineer Intern   **May 2021 - August 2021**

LE Consulting

- Utilized React and SQL to create a user-friendly web application that helped streamline client expenses and optimize overhead costs by a 15% margin
- Interfaced with provider APIs to provide the client with shipping rates and tracking information to help automate the shipping process and cut costs by 10%
- Performed descriptive analytics on client data and wrote structured queries to extract specific values from the database to examine relationships between client revenue and costs to provide client with financial solutions
- Optimized SQL database containing 50,000+ entries of client data to perform query speeds with an 8% less runtime of 60ms

Software Developer Intern   **May 2019 - August 2019**

Delta Community Credit Union

- Collaborated with other departments and business analysts to understand system requirements and implement solutions that met business needs
- Implemented security measures, including firewalls and data encryption, to ensure the credit unions systems were secure and compliant with regulatory requirements
- Stayed constantly aware of the latest trends and technologies and participated in forums and fin-tech industry conferences
- Developed and implemented APIs with a team that was able to successfully reduce data transfer times by 11%

PROJECTS

Options Trading Bot   **May 2023**

- Built an API to monitor equities in areas such as contracts premiums, financial statements, earnings dates, etc.
- Implemented the API endpoints that handle the incoming requests and interact with the stock data sources
- Integrated Alpha Vantage real-time stock data into the Python backend to fetch the required stock data that the created API will extract and created a program to place weekly trades on Interactive Brokers for maximized profits

Social Media Platform Backend   **January 2023**

- Focused on creating a system for user authentication and authorization by implementing a user registration and login functionality, roles such as admins and authors, and allowed for user profile management and updating
- Managed each post by developing APIs to create, upload, and delete posts, included basic features such as titles, captions, and publication dates, implemented filtering options and searching options using external engines
- Created a commenting system by enabling users to leave comments on any posts by implementing an API that can be used for managing comments
- Implemented security measures to protect against common web vulnerabilities and write unit tests to ensure the correctness of the backend functionalities and deployed the application to AWS

Skills: Python, Java, JavaScript, C++, C#, Scala, Ruby, Go, Splunk, AWS, Azure, SQL, Google Cloud Platform, Node, React, Docker, APIs, Data Structures, Algorithms, OOP, Git, Agile, Angular, Azure Databricks, Tableau, Pandas, Excel, SDLC, .Net, GraphQL, Hadoop, MapReduce