Nirav Sheth

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Skills

Languages:	Frontend/Frameworks:	Backend	Others:
● Ruby	● Hotwire	● Ruby on Rails	● Shell Scripting
● Python	● React.JS	● PostgreSQL/MySQL	● Data Science
● TypeScript	● React Native	● Docker & Kubernetes	● Power BI (DAX)
● JavaScript	● HTML / CSS / Tailwind	● AWS & Azure Cloud Computing	● MS Excel (VBA)
● C#	● .Net	● REST & GraphQL APIs	● Git / VC
● SQL/GraphQL	● NodeJS		

Experiences

Software Engineer | RNWBL | Houston, TX   Jan 2023 - Jan 2024
- Wireframed, prototyped and built sections of our new Admin Web App using Ruby on Rails, Hotwire, and PostgreSQL to refactor our existing web app from ReactJS, TypeScript, and GraphQL.
- Transition our current weather API to OpenWeather's API in React Native for our mobile app to save ~$15k.
- Streamlined map data search queries through the implementation of a trigram search strategy, resulting in a 10x performance query enhancement and more relevant search results.
- Developed robust and flexible APIs using Ruby on Rails and GraphQL to streamline timesheet approval processes which incorporated flexible and scalable design to accommodate future requirements.
- Designed and implemented data extraction scripts using Python to create ETL data pipelines for our map data which helps users view and navigate to over 500,000 renewable assets across North America.

Software Engineering Intern | Northwestern Mutual | Milwaukee, WI   June 2022 - Aug 2022
- Built, deployed, and presented a GraphQL microservice to test the infrastructures' stability and security through a Tyk's API Gateway.
- Led a team of 5 interns to build a React based Chatbot integrated with a Python stock API to compete for Northwestern Mutual Hackathon.
- Wrote and deployed integration tests for API Management team's API registry sync microservice.

Business Intelligence Analyst II | Engie | Houston, TX   June 2019 - May 2022
- Built an automation testing application using PyQT5, Python, and REST APIs to test our upcoming EnergyWorks platform releases which saves each user an average of ~10 hours of user testing.
- Built a Broker Fee Model that estimated lost fees from broken contracts owed to Engie by creating a SQL script and analyzed within Excel, which lead to finding $6M in lost/hidden fees owed to Engie
- Automated early contract termination process by leveraging Azure Data Factory, SQL database, and Power BI, which resulted in a decreased backlog by over $8M in fees and 4,000 customers.

Business Performance Analyst & PLM Project Manager | Shell | Houston, TX   Aug 2016 – May 2019
- Initiated and formalized the idea, scope, and funding of an 8-member analytics team that modernized existing data analytics and reporting solutions within Jiffy Lube.
    - Leveraged Azure Cloud Computing Platform and Power BI.
    - Worked with over 100 co-workers to translate their reports into Power BI.
    - Led Power BI training sessions for the entire organization.
- Awarded the Leadership Performance Award and Employee of the Quarter Award.

Education

Bachelor of Science – Computer Science | Oregon State University   March 2023
Cumulative GPA: 3.9/4.0

Data Science Career Track (License #51916) | Springboard   February 2019

Bachelor of Bus. Admin. – Finance and Accounting | University of Houston   May 2016
Cumulative GPA: 3.7/4.0
- *Minors in Math & Economics, and Global Energy Management Professional Certificate*