

SHRADDHA GOPALAKRISHNAN

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EDUCATION

- **Northeastern University, Boston** September 2019 – July 2021
 - Master of Professional Studies, Data Analytics
- **University of Mumbai, Mumbai** August 2014 – June 2018
 - Bachelor of Engineering, Computer Engineering

SKILLS

- **Data Engineering:** Google Cloud Platform, Databricks, Amazon Cloud, Microsoft Azure, Snowflake
- **ETL Tools:** Informatica PowerCenter, Google Big Query
- **Databases:** DynamoDB, Oracle DB, Snowflake DB
- **Business Intelligence:** Tableau, Power BI, IBM Cognos, LookerML, Qlik Sense, Splunk
- **Project Management:** JIRA, Smartsheet, Mural, Taiga
- **AWS:** Amplify, LightSail, Lambda, Data Sync, AppSync, Cognito, QuickSight
- **Programming:** R (RStudio), Python (Spyder, Jupyter) SQL (PostgreSQL, MySQL, MS SQL Server, Snow SQL), MATLAB
- **Certifications:** Scrum Master (Scrum Alliance), Product Management (NASBA), Bloomberg Market Concepts (BMC), HIPAA Associate (CSU), Outstanding Intern Award (RIG), Microsoft Technology Associate (MTA 98-367)

EXPERIENCE

- **Healthcare Data Analyst, Centillion Infotech, Boston MA** August 2022 – Present
 - Orchestrated an event-driven system with real-time data extraction using BigQuery SQL, bringing forth 25% increased upselling opportunities for the client Iterative Health's AI-driven precision medicine solutions
 - Leveraged 10 cloud vision APIs for data transformation and conducted label detection for image processing via ML models to improve decision-making for better GI care, producing optimized patient care strategies
- **Business Data Analyst, Egen Solutions, Naperville IL** October 2021 – May 2022
 - Migrated 3TB human capital data to AWS, reducing workload and latency of data transfer using Informatica IICS for Hadoop-S3 integration leading to streamlined operations and improved data accessibility
 - Executed project management with SMART goals and ensured on-time delivery of efficient products as services to multiple clients, contributing to a 15% business growth rate over the reporting period
- **Data Analyst Co-op, Revolutionary Integration Group, New Haven CT** September 2020 – September 2021
 - Engineered trigger functions and CAN-bus protocols for a driverless car sensor project, integrating front-end requests with back-end timestamps, improving vehicle safety by 87% and ensuring secure data transfers
 - Instrumented AI/BI solutions for an ad-blocking finance app with 4 IoT features obtaining secure financial transactions and a HIPAA-compliant app for seamless Covid-19 vaccine dispatch using RIG's Dynamic Trust and Nimbus State Cloud Matrix
- **Business Analyst, Reliance Jio, Mumbai IN** June 2018 – July 2019
 - Facilitated a 3-way integrated schema for a VMS app, recording regularly monitored activity of visitors which further enhanced security in gated complexes by 56% in later versions of the MVP (JioGate app – 10K installs on PlayStore)
 - Trained 4 interns in Google Analytics to derive comparative analysis on user traffic for JioCinema and JioTV apps, providing the marketing team of the media service with a funnel of consumer sales insights for the success of targeted campaigns

PROJECTS

<https://shraddha-g.netlify.app/projects>

- **At Home Group – Capstone Data Project** July 2021
 - Led a 3-month data analysis project for a home retail company, specializing in Sector Analysis, Data Collection, and Visualizations gaining expertise in extensive data research utilizing Tableau and PowerBI for stats-driven business solutions
- **PyCharm Arcade Maze – Python Game Development using Turtle library** August 2020
 - Developed an arcade maze game in python featuring a snake navigating in four directions to collect food and maximize the player's score. Players lose upon collision with themselves/walls and PyCharm acting as a virtual canvas
- **Corolytics – Hackathon for Predictive Analytics** June 2020
 - Secured 2nd place in Predictive Hackathon accurately forecasting NYC Covid-19 hospitalization counts for ten days using machine learning best fit models supporting statistics with impactful visualizations in Notion and RStudio