

SHRADDHA GOPALAKRISHNAN

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EDUCATION

- **Northeastern University, Boston** Sep 2019 – Jul 2021
 - Masters, Data Analytics GPA 3.8
- **University of Mumbai, Mumbai** Aug 2014 – Jun 2018
 - Bachelors, Computer Engineering GPA 3.7

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

- **Business Administration & Communications Lead, Mod-i Clear Associates, Remote NJ** Aug 2024 – Present
 - Driving business plans/marketing strategies for satellite/airborne data solutions and pitching remote sensing analytics solutions to lenders and partners using advanced PED sensor technology in collaboration with a NASA Scientist.
- **Data Analyst, Centillion Infotech, Boston MA** Aug 2022 – Aug 2024
 - 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** Oct 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** Sep 2020 – Sep 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** Jun 2018 – Jul 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** Jul 2021
 - Led a 3-month data project on sector analysis with Tableau/PowerBI to deliver business insights for a home retail company
- **PyCharm Arcade Maze – Python Game Development using Turtle library** Aug 2020
 - Developed an arcade maze game in python featuring a snake collecting food while avoiding collisions using Turtle Library
- **Corolytics – Hackathon for Predictive Analytics** Jun 2020
 - Hackathon Runner Up in forecasting NYC Covid-19 hospitalizations using ML models in Notion, RStudio & Jupyter Labs