

Anuraag Macha

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[Website](#) | [LinkedIn](#) | [GitHub](#)

EXPERIENCE

Head of Product

OPAL | July 2025 – present

- Spearheading the analytics function at a healthcare technology company, leading cross-functional teams to deliver HIPAA-compliant infrastructure in Azure and SQL Server.
- Overseeing the end-to-end lifecycle of analytics and data products—from MVP to UAT and production—through agile sprint planning, QA oversight, and release management.
- Architecting and developing backend data systems, including ingestion, transformation, and orchestration of clinical and billing data via partner APIs (e.g., Sikka, STEDI).
- Defining and maintaining backend–frontend data contracts to align the platform's Next.js frontend with backend APIs and analytics pipelines.

Analytics Engineer

Northeastern University | August 2023 – July 2025

- Introduced and operationalized dbt Cloud to modernize data transformation processes, enhancing pipeline maintainability, version control, and team collaboration.
- Configured Snowflake as the central data warehouse to support dbt Cloud integration and enable scalable, source-aligned analytics workflows.
- Conducted ad-hoc exploratory data analysis and statistical modeling with Python for data wrangling, automation, and scripting custom solutions to aid analytical processes.
- Orchestrated workflow automation to resolve inconsistencies in upstream data pipelines, ensuring clean, analysis-ready datasets.
- Managed the scheduling and execution of critical data workflows, ensuring operational excellence.

Lead Data Analyst

Gray Decision Intelligence | January 2022 – May 2023

- Designed and developed custom analytics applications for clients, focusing on financial modeling and program economics.
- Leveraged SQL and Qlik to integrate big data sources, perform advanced calculations, and generate key insights.
- Worked closely with clients by attending working session calls, delivering demo presentations to familiarize the clients with the system, and facilitating small or full-group sessions
- Performed predictive modeling and trend analysis to enhance the company's proprietary database using Qlik AutoML.

Actuarial Intern – Pension Consultation

Willis Towers Watson | May 2021 – August 2021

- Performed annual pension (qualified and non-qualified) and post-retirement medical valuations for a variety of clients
- Assisted with completion of plan reporting and filing requirements
- Performed plan administrative tasks such as completing benefit calculations, reviewing plan documents and SPDs, and producing benefit statements
- Analyzed de-risking options for defined benefit plans (bulk lump sums, retiree annuity purchases, plan terminations)

EDUCATION

Northeastern University

Master of Science, Data Analytics

Graduation: June 2025 | GPA: 3.926

Purdue University

Bachelor of Science, Actuarial Science, Applied Statistics

Graduation: May 2022 | GPA: 3.423

PROJECTS

Fantasy Football Analytics

Built an end-to-end pipeline to transform, analyze, and visualize NFL fantasy football data for player performance insights. Read more on [Medium](#).

- Snowflake, dbt Cloud, Power BI, Python, VS Code, GitHub, MiniConda

Capstone Project

Built machine learning models to forecast capital project costs and optimize budget planning for DCAMM (Division of Capital Asset Management and Maintenance), improving financial accuracy for large-scale public infrastructure initiatives.

- Python (XGBoost, Neural Networks), Power BI

Personal Portfolio Website

Designed and deployed a responsive personal website as a showcase of data projects and technical skills with custom routing, smooth navigation, and animated UI.

- React, Next.js, Tailwind CSS, Framer Motion, GitHub, Vercel, VS Code

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals

- ID: D4906FBD6C5C41C7

Databricks Certified: Data Engineer Professional

- ID: xx

dbt Certified: Analytics Engineer

- ID: xx

SKILLS

Languages

Python, R, SQL, Java Script, C

Data Engineering

dbt, Snowflake, PostgreSQL, Qlik, Alteryx, Spark, Databricks, Data Lake, MLflow

Data Visualizations

Tableau, Power BI, Qlik Sense

Environments

Microsoft Office Suite, GitHub, Azure, Databricks, Linux/ Unix, MySQL/ MS SQL