

# Anuraag Macha

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

## EXPERIENCE

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### 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

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### 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

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### 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

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Microsoft Certified: Azure Fundamentals

- ID: D4906FBD6C5C41C7

Databricks Certified: Data Engineer Professional

- ID: xx

dbt Certified: Analytics Engineer

- ID: xx

## SKILLS

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### 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