

# Srinija Beesagouni

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## PROFESSIONAL SUMMARY

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Data Scientist (Product) | 7+ Years Experience using AI and Scalable Data to Drive Product Growth in Media, Finance, Audit, Retail and Healthcare industries

## WORK EXPERIENCE

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### Aramark

Student staff

Worcester, USA

09/2024 – 12/2025

- Used regression and classification models to predict food inventory needs, reducing operational waste by 18% through better forecasting accuracy

### Resilience Inc

Google Analytics Associate (Internship)

Florida, USA

08/2025 – 09/2025

- Used GA4 to identify where users were dropping off in the sign-up process, leading to a 14% increase in new student enrollments

### Ernst and Young

Senior Consultant

India

05/2021 – 08/2024

- Designed automated auditing tools using Python to ensure financial and healthcare data met strict standards, increasing data coverage by 50% and removing manual bottlenecks
- Set up a centralized Delta Lake system for a pharmaceutical client to organize massive datasets, which cut storage costs by 25% and made product performance data easier to access

### Opteamix LLC

Senior Software Engineer

India

08/2020 – 05/2021

- Re-engineered how insurance claims data was stored and pulled using SQL, making the internal claims product 38% faster for end-users
- Reorganized the data architecture of a financial product, making the internal system 38% faster and improving the experience for the end-user

### Deluxe Services Pvt Ltd

Senior Software Engineer

India

09/2018 – 08/2020

- Managed product performance metrics and reporting for media solutions, improving visibility by 22%

## SKILLS

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**Technical:** Python (Pandas, NumPy, scikit-learn), R, SQL, Tableau, Looker, PowerBI, Google Analytics 4/Ads, Generative AI (LLMs, RAG, LangChain), NLP, Predictive Modeling, MLOps, Git, Jupyter Notebooks, Agile BigQuery, ETL data pipelines, Microsoft Azure OpenAI, Streamlit, AWS EC2, Git, A/B Testing, Hypothesis Development, Executive Reporting, Data Platforms (Snowflake, Databricks),

**Soft Skills:** Team leadership, Product management, Problem Solving, Cross-Functional Collaboration, Stakeholder Partnership, Mentoring

## EDUCATION

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### Masters in Data Analytics (STEM)

Clark University; Worcester, MA | GPA: 3.93

08/2024 – 12/2025

## CERTIFICATIONS

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AWS Cloud Practitioner (2025)

Advanced Data Science (2024)

## PROJECTS

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- Multi-agent retail inventory system:** Developing with Python, Streamlit & Azure AI Search, driving real-time monitoring & product reorder recommendations for 25–40% overstock risk
- AI-Powered Research Assistant:** Used LangChain and OpenAI APIs to analyze unstructured data with 94% accuracy, automating research for product teams
- Product Growth Data Lake:** Designed a central Delta Lake system that made SQL analysis 40% faster for running product-wide experiments
- AI Research Assistant:** Built an AI tool that reads through thousands of documents to find answers instantly with 94% accuracy