Srinija Beesagouni
AI Engineer | Data Scientist

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WORK EXPERIENCE

Aramark; Worcester, USA   09/2024 – 12/2025
Student worker
- Analyzing daily retail sales and inventory data with multiple job roles, identifying stock trends enabling 15% sharper pricing strategy decisions for business.

Resilience Inc; Florida, USA   08/2025 – 09/2025
Google Analytics Associate (Internship)
- Built and automated Tableau dashboards from GA4 BigQuery exports using SQL,Python, delivering weekly performance reports that reduced manual analysis time 40%

Ernst and Young; Karnataka, India   05/2021 – 08/2024
Senior Consultant
- Built PyTorch, LangChain RAG pipelines for clinical docs at EY client location, achieving 92% accuracy and 30% faster processing
- Fine-tuned BERT,GPT-style LLMs with Hugging Face for pharma summarization, delivering user-facing features with 25% insight speed gain.

Opteamix LLC; Karnataka, India   08/2020 – 05/2021
Senior Software Engineer
- Deployed production PyTorch, pipelines on Databricks for predictive maintenance, reducing downtime 20%

Deluxe Services Pvt Ltd; Karnataka, India   06/2018 – 08/2020
Senior Software Engineer
- Developed Python-based automation tools eliminating 100+ hours/month of repetitive tasks across Movies & TV operations teams with clients Disney, Fox, Universal.

SKILLS

Programming: Python, R, PySpark **Databases & Cloud:** SQL, AWS, Azure **Models:** ML, architectures & models, AI
Tools & Libraries: PowerBI, Tableau, Numpy, Pandas, PyTorch, Scikit-learn **Others:** Github, Streamlit, dbt, Snowflake, Microsoft Foundry, LLM, Data Pipelines, Advanced statistical analysis, Databricks, ETL, Excel
SoftSkills: Teamleadership, Project management, Problem-solving, Excellent Communication, Mentor, Stakeholder Collaboration

EDUCATION

Masters in Data Analytics (STEM)   08/2024 – 12/2025
Clark University; Worcester, MA | GPA: 3.93

CERTIFICATIONS

AWS Cloud Practitioner (2025)   Advanced Data Science (2024)

PROJECTS   08/2025- 01/2026

- Developing a multi-agent retail supply chain optimization system using Python, Streamlit, and data from CSVs, enabling proactive inventory monitoring and reorder recommendations with potential 25–40% reduction in overstock
- Created GenAI API workflows with prompt engineering for claims/metadata, boosting efficiency 28%
- Researching & analyzing large-scale complex datasets using SQL,Snowflake, developing Power BI reports that simplified complex patterns and supported $10M+ budgeting recommendations
- Applied reinforcement-learning-inspired optimization in Python for resource allocation, solving ambiguous supply-chain problems