

GopiVardhan Gunta

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Experience

Executive Office of the Governor, Data Analyst, Florida

May 2025 – Present

- Automated data pipelines with **Python**, **SQL**, and **Power Automate**, integrating **FLAIR** and **FOCUS** into **Share-Point/OneDrive**.
- Built secure **databases** to store scraped financial data, enabling automated payment tracking and preventing late fees.
- Designed interactive **Power BI dashboards** and **Excel VBA tools** for accurate billion-dollar budget forecasts.
- Created detailed **State Management Cost trackers** with burn rates, churn analysis, and multi-year budget forecasts.
- Developed advanced **forecasting models** (ARIMA, Prophet) to project recovery costs and statewide spending trends.
- Standardized and cleaned datasets with custom **Python scripts**, ensuring accuracy, real-time sync, and no redundancy.
- Built automated **financial reports and ad hoc queries**, reducing manual effort and improving overall financial visibility.
- Developed a comprehensive **Contract Routing Tracker** to detect bottlenecks, cutting approval delays by 30%.
- Automated smart **email alerts and dashboards** to flag routing delays, improving accountability and compliance.
- Partnered with finance, IT, and audit teams to align systems, resolve issues, and strengthen **data governance**.

Aramark, Data & Finance Analyst, Florida

Nov 2023 – May 2025

- Managed weekly financial operations overseeing **\$500K+** in invoices, AP/AR, and reconciliations. Automated invoice tracking and payment processing using **Power Automate** and **SQL**, reducing delays by **30%** and improving cash flow visibility.
- Developed automated sales and revenue reports analyzing **\$35M+** in annual transactions using **Python** and **SQL**. Conducted trend analysis to uncover key revenue drivers, improving forecasting accuracy and increasing revenue streams by **20%**.
- Built **Power BI dashboards** with **real-time financial monitoring**, **DAX calculations**, and **drill-through insights**, enabling leadership to make **data-driven decisions** and improving **reporting accuracy** across multi-million-dollar accounts.
- Automated complex financial processes with **Excel macros**, optimizing reconciliation workflows and reducing manual effort by **40%**. Enhanced reporting efficiency, enabling faster insights into cash flow trends and **financial KPIs**.

Pravathi Engineers, Finance Analyst

July 2021 – June 2023

- Managed project invoicing, payment tracking, and AP/AR for engineering projects to ensure timely billing and cash flow.
- Prepared **device reports** and site measurements to validate work, aligning estimates with actual materials and labor.
- Conducted **tender analysis** and cost estimates for new work orders, ensuring competitive pricing and accurate budgets.
- Filed **GST returns** and compliance paperwork to meet statutory requirements and maintain clear records.
- Managed **management cost** allocations and reporting for transparent cost tracking and forecasting.

ZAWN, Software Engineering Intern

Feb 2021 – Apr 2021

- Documented **critical issues** in alert submission workflows, reducing customer complaints by **30%** and improving satisfaction.
- Optimized **MongoDB queries** by indexing high-traffic collections, restructuring query logic, and implementing aggregation pipelines. Improved **API response time** by **40%**, enhancing system performance and reducing query execution latency.
- Improved the **user interface** by adding **profile avatars** and dropdown menus, leading to a **15% increase** in engagement.
- Implemented **automated testing scripts** using **Selenium** and **PyTest**, reducing manual testing time and improving quality.

Projects

Retrieval-Augmented Generation (RAG) PDF Query System

GitHub

- Developed a **PDF query system** using a **RAG pipeline**, enabling precise answers from large PDFs by leveraging retrieval methods and streamlining document exploration via terminal-based interactions.
- Integrated **Ollama** with **vector embeddings** and **semantic search**, optimizing accuracy for locally stored PDFs and ensuring real-time responses for document queries. Enhanced scalability through efficient indexing.
- Implemented preprocessing techniques to handle large PDF datasets efficiently, enhancing **scalability** and improving system **performance** to ensure reliable query results through command-line operations.

Tally Code Brewers Hackathon (Semifinalist)

GitHub

- Built a **secure quiz platform** using **Flask** and **MongoDB** with **real-time scoring** and **dynamic quiz generation**.
- Added features to **prevent re-attempts** and ensured **secure data handling**, improving platform reliability and user confidence.
- Implemented **backend optimizations** to support high concurrent quiz attempts, and improving system reliability under load.
- Achieved **semifinalist status among 200+ participants**, demonstrating innovation and technical expertise under a tight timeline.

Shopping and Sentiment Analysis Systems

GitHub

- Developed a **K-Nearest Neighbors (KNN)** based recommendation system to analyze purchase histories and suggest complementary products, enhancing customer engagement and boosting **cross-sell opportunities by 25%**.
- Built a sentiment analysis model using **Scikit-learn** and **TF-IDF Vectorization**, achieving **88% accuracy** in classifying restaurant reviews. Provided actionable insights to improve customer satisfaction and marketing strategies.
- Automated **spend analysis reports** and real-time sentiment predictions using **Flask**, enabling businesses to monitor customer feedback, optimize service quality, and refine targeted advertising strategies.

Technical Skills

- Languages & Frameworks:** Python, SQL, R, Java, C++, JavaScript, Flask, FastAPI, Next.js
- Data & Cloud:** Snowflake, MySQL, SQL Server, MongoDB, AWS, GCP, Azure, Docker, Kubernetes, Terraform, CI/CD
- ML/AI & Tools:** PyTorch, TensorFlow, LangChain, Pinecone, NLP, Transformers, Hugging Face, Power BI, Git, GitHub

Education

Florida State University

Tallahassee, FL

Master of Science in Data Science, GPA: 3.93

Gitam University

Visakhapatnam, India

Bachelor of Technology in Computer Science

Certifications

AWS Certified Cloud Practitioner (Issued: Feb 2025 – Expires: Feb 2028)

Amazon Web Services (AWS)

Credential ID: b84a6b62136143cca23c1a034f3797cf — Verification: aws.amazon.com/verification