

# NAVEEN KUMAR GUDIMILLA

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## RESPONSIBILITIES

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As a professional with dual master's degrees in Information Systems and Business Administration, I specialize in AI-driven solutions using machine learning, LangChain, and API to automate processes. I design scalable cloud solutions on platforms like AWS, Azure, and Oracle Fusion, leveraging BI tools such as Power BI and Tableau to deliver actionable insights. I also automate financial workflows, improve reporting accuracy, and lead cross-functional teams to ensure business objectives are met. Additionally, I focus on building responsive web applications that drive process automation and strategic decision-making through data analytics.

## SKILLS

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### Technical Skills:

1. AI & Automation: LangChain, API, Scikit-learn, PyTorch.
2. Cloud Platforms: AWS and Snowflake.
3. Business Intelligence: Power BI, Tableau, SQL, Google Analytics
4. Programming: Python (Pandas, Matplotlib), SQL, HTML, CSS, JavaScript
5. ERP Systems: Oracle Fusion, SAP.
6. Web Development: WordPress, Flask, CI/CD pipelines.
7. Version Control & Automation: Git, Docker,

### Data Analytics & Visualization:

1. **Data Cleaning & Transformation:** Power Query, Excel (Advanced)
2. **Data Visualization:** Tableau, Power BI, Python Visualization (Matplotlib)

### IT Systems & Soft Skills:

Stakeholder Management, Effective Communication, Problem-Solving, Cross-Functional Collaboration, Leadership, Time Management

## WORK EXPERIENCE

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### Hudson Valley Concierge Services (HVCS)

Poughkeepsie, NY, USA

*Technology and Data Solutions Intern*

*April 2024 – Present*

- Designed and developed **AI-driven digital solutions** using **LLMs, LangChain, and Python frameworks** to automate concierge services and enhance customer interactions.
- Implemented **Git and Docker** for seamless version control and containerized application deployment, improving development workflow efficiency.
- Engineered an **Alexa Skill using AWS** to provide hands-free access to concierge services, enhancing client engagement and service automation.
- Developed and optimized **responsive web pages** to improve user experience and brand visibility, ensuring accessibility across multiple platforms.
- Created **SEO-optimized digital content** including infographics, blogs, and social media campaigns, increasing brand reach and customer engagement by 30%.

### Virtusa

Hyderabad, Telangana, India

*Project Billing Specialist – BU Operations*

*March 2021 – December 2022*

- **Built and automated financial dashboards** using **Power BI, Tableau, and Excel Pivot Tables**, providing real-time revenue analytics and performance insights for leadership.

- **Performed financial data analysis** using **SQL, Python (Pandas, NumPy), and Excel VBA**, optimizing revenue tracking, cost analysis, and profitability forecasting.
- **Automated O2C (Order to Cash) billing workflows** using **UiPath**, reducing manual effort and increasing operational efficiency by 20%.
- **Designed and implemented SQL queries** to extract, transform, and analyze financial data from databases, reducing manual reporting efforts by 30%.
- **Created KPI dashboards for leadership** to track project revenue, budget variance, and operational expenses, enhancing strategic decision-making.

## PROJECTS & LEADERSHIP

**QueryAgent: AI-Powered SQL Query Assistant** | 2024

JAN 2025

- Developed an **AI-powered SQL query assistant** using **LangChain, OpenAI API, and Python** to automate SQL query generation and database interactions.
- The tool enables users to pose **business-related questions in plain English**, which are automatically converted into **SQL queries**, providing **real-time insights** and supporting data-driven decision-making without requiring SQL knowledge.

**Exploratory Data and Sentiment Analysis of Online Food Orders**

April 2024

- Analyzed **customer data** from online food orders using **Python** and **NLTK**, creating a sentiment analysis model to classify feedback as **positive, negative, or neutral**.
- Visualized key insights using **Matplotlib** and **Pandas**, optimizing customer experience through actionable insights.

**DegreeWorks Application Prototype**

May 2024

- Developed a **user-friendly academic management prototype** in **Figma** for **GPA tracking** and **credit audits**, designed for ease of access across devices.
- Focused on **responsive design** and **user-centered principles**, enhancing student engagement and course tracking.

## EDUCATION

**Master of Science in Information Technology**

**Marist College, Poughkeepsie, New York**

*MS (GPA:3.642)*

*December 2024*

**Master of Business Administration (MBA) – Finance**

**Osmania University, Hyderabad, India**

*Bachelors (GPA:6.30)*

*Graduated: May 2019*