

# NAAGA PRANATHI VUTUKURI

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## EDUCATION

### UNIVERSITY OF TEXAS AT DALLAS

Masters in Information Technology & Management, GPA: 3.4/4.0

Richardson, TX

May 2024

- Relevant Coursework:** System Analysis & Project Management, Data Management, Product Management, Agile Project Management, Data Visualization, CRM with Salesforce, Data Warehousing, OOP with Python, Organizational Behavior, Innovation & Entrepreneurship

### JNTUH COLLEGE OF ENGINEERING

Bachelors in Information Technology, CGPA: 7.2/10

Hyderabad, India

Jul 2021

## TECHNICAL SKILLS

**Product Management & Strategy:** Product vision & Roadmap development, Success Metrics & KPI definition, Customer Data platforms (CDPs)

**Stakeholder & Leadership:** Senior stakeholder engagement (C-Level, Business, Tech), cross functional collaboration, Agile/Scrum delivery, Sprint Planning

**Dashboarding, Reporting & Data Visualization:** Real-time Dashboard Design, Interactive Visual Analytics, KPI Reporting, Power BI, Tableau, Git, GitHub

**Core Skills & Tools:** Jira, Trello, Confluence, Postman, CloudWatch, Miro, Notion, Figma, PySpark, Matplotlib, AWS, SDLC, ETL, Excel, RASA, Django, PyCharm

**Languages & Databases:** Java, Python, HTML, CSS, SQL Server, PostgreSQL Server

## EXPERIENCE

### AMAZON.COM, INC.

Mountain View, California

**Project Developer – Product Launch, Cross-functional Team Leadership, Amazon QuickSight, Amazon CLI**

Dec 2024 - Present

- Led cross-functional coordination for SeriesMetadata API rollout, improving platform auditability and risk transparency.
- Partnered with engineering, analytics, and compliance teams to define product requirements and roadmap deliverables for Health AI ingestion pipelines, ensuring alignment across 5+ cross-functional workstreams.
- Drove the integration of CloudTrail logging and CloudWatch dashboards to monitor data ingestion health, enabling proactive identification of 30% more operational risks. Worked on OnePod enablement planning, designing rollout phases and communicating progress across alpha, beta and gamma stages in the pipeline.
- Defined success metrics and implemented KPI dashboards to assess service reliability, latency, and user satisfaction, directly informing roadmap prioritization
- Facilitated design trade-off discussions between technical and business leads to balance feature complexity with launch timelines and user impact.

### SATEK IT SOLUTIONS LLC

Irving, Texas

**Project Analyst – Jira, Trello, Confluence, Notion, SQL Server, Postman, Google Sheets, Power BI, Miro**

Jul 2024 – Dec 2024

- Conducted detailed competitor benchmarking and customer behavior analysis to refine product scope, improving adoption rates by 50% within two release cycles.
- Managed sprint planning, backlog prioritization, and stakeholder reviews to maintain 100% release schedule adherence across 3 active product lines.
- Delivered executive-level reporting dashboards using Power BI to visualize progress, feature performance, and risk trends for leadership decision-making.
- Presented sprint reviews and metrics dashboards to leadership, ensuring alignment with KPIs and delivery timelines.

### ONYX CENTERSOURCE

Dallas, Texas

**Product Development Intern – Jira, Confluence, RASA NLU, Python, PostgreSQL, Tableau, Excel, SQL, Figma, Miro**

Aug 2023 - Dec 2023

- Defined feature-level requirements for RASA-based AI chatbots supporting enterprise financial clients, reducing manual query resolution by 80%.
- Collaborated with UI/UX designers and QA teams to iterate on user flows and feedback loops, increasing chatbot accuracy and engagement scores.
- Created Tableau dashboards tracking conversation trends and customer satisfaction, providing leadership with actionable product insights.

### SATKAARYA TECHNOLOGIES PVT LTD

Hyderabad, India

**Data Project Associate - Python, Power BI, Tableau, SQL Server, Spark, PySpark, Jira , Excel, Git, Jupyter**

Nov 2019 - Jul 2022

- Partnered with cross-functional teams to define requirements and translate data insights into actionable project deliverables across multiple releases.
- Designed and maintained ETL pipelines using Python and SQL, improving data reliability and processing efficiency by 30%.
- Managed analytics reporting dashboards in Power BI and Tableau, enabling stakeholders to track KPIs and make data-driven decisions.
- Coordinated project schedules and sprint milestones under Agile methodology, ensuring timely delivery of data products and visualizations.
- Partnered with product leads to automate data workflows using PySpark and produce clear technical documentation, cutting manual prep time by 40%.

### SATKAARYA TECHNOLOGIES PVT LTD

Hyderabad, India

**Data Project Intern - SQL, Tableau, Excel, ETL, Matplotlib**

Jan 2019 - Aug 2019

- Assisted in end-to-end development of analytical dashboards using Tableau and Excel to visualize customer trends and business KPIs.
- Supported data validation and transformation activities within the ETL process, ensuring consistency and accuracy across reporting systems.
- Worked closely with product and engineering mentors to document requirements, create SQL queries for data extraction, and deliver insights for internal reporting.
- Participated in weekly Agile scrums, contributing to backlog refinement and sprint reviews.
- Gained early exposure to SDLC, version control, and stakeholder communication practices that informed later project coordination roles.

## PROJECTS

### Onyx CenterSource AI Chatbot - Python, Django, RASA, My SQL, Tableau

- Developed and integrated a RASA-based AI chatbot for GroupPay, increasing profits by 40% through improved data collection efficiency.
- Implemented database storage for all chatbot interactions, enabling ongoing analysis and continuous accuracy improvements.
- Visualized interaction data using Tableau and enhanced chatbot performance through in-depth conversation analysis and model fine-tuning.

### Spoonful of Hyderabad - HTML, CSS, Bootstrap, JavaScript and XML

- Developed a digital marketing website for food bloggers where I designed and built the website.
- Our website helped them garner more followers on social media and provided them new business opportunities.

### Ecostructive - Python, Django, MySQL, HTML, CSS, Power BI, PyCharm

- Created a web app for waste management, allowing user-specific garbage collection requests and predictive modeling for trend forecasting.
- Implemented maps, geocoding, and tracking features to locate recycling centers. Reduced costs and gained operational insights using Power BI dashboards.
- Implemented subscription models and targeted advertising to ensure financial viability while streamlining recycling through authorized collection teams.

### eCompare - Web Scraping, Machine Learning for Voice Recognition and Text based search, MySQL, HTML, CSS

- Created a web app for waste management, allowing user-specific garbage collection requests and predictive modeling for trend forecasting.
- Utilized Power BI dashboards to gain operational insights, optimize routes, and reduce costs in waste management processes.
- Implemented subscription models and targeted advertising to ensure financial viability while streamlining recycling through authorized collection teams.

## CERTIFICATIONS

AWS Certified Cloud Practitioner | Salesforce Certified Administrator | SQL for Data Science | Digital Product Management