DHARANI ANINGI

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EDUCATION

Master of Science in Data Analytics, San Jose State University   Aug 2022 - May 2024
Relevant Coursework: Data Mining, Big Data Technologies, Data Ware Housing, Database Management,Operating Systems,
Data Visualization, Deep Learning, Statistics, Mathematics, NLP and Machine Learning.

Bachelor of Technology in Computer Science, GITAM University   Aug 2013 - May 2017

SKILLS

Programming & Analytical Tools: SQL,R,Python, ETL/ELT Process, Alteryx, Pandas, NumPy, Seaborn, Plotly,
Scikit-Learn, Matplotlib, PyTorch, TensorFlow, Keras.

Business Intelligence & Platforms: Looker, Tableau, Power BI, MS Excel, Jenkins,Agile/Scrum, Salesforce, SAP, Jira,
GCP, AWS, Azure, Microsoft Visio, Change Management/Project Management, Oracle ERP, Kanban, Snowflake.

EXPERIENCE

Data Analyst II   Aug 2024 - Present
Mark Infotech Inc   *East Brunswick, NJ*

- Optimized end-to-end fraud detection workflows by automating processes during business strategy reviews using Excel and SQL, reducing manual efforts by 40% while ensuring attention to detail in financial reporting for compliance accuracy.
- Delivered 25+ interactive Tableau dashboards with visual design principles, deriving actionable insights that improved CRM and data warehouse workflows by 30%.
- Collaborated with cross-functional teams in business reviews and presales efforts, defining Key Performance Indicators (KPIs) and leveraging verbal and written communication skills to enhance decision-making by 35%.

Senior Business Analyst   May 2017 - Jul 2022
Accenture   *Hyderabad, India*

- Implemented a DevOps automation strategy using Jenkins, optimizing deployment processes and managing 500,000+ records with 99.9% accuracy, demonstrating problem-solving in root cause analysis.
- Managed 50+ deployments across QA, Dev, and Production environments with 99% on-time success, applying organizational skills to oversee quick-turn releases and portfolio management of IT initiatives.
- Designed and delivered healthcare dashboards using Tableau and Power BI for strategic projects, enabling AI-driven forecasting and 90% identification of trends,improving project plans with advanced claims data analysis.
- Created 30+ user stories with clear acceptance criteria for healthcare claims processing, ensuring alignment with sprint goals and leveraging wireframes to structure and communicate technical details to non-technical stakeholders.
- Prioritized 300+ Tivoli Work Scheduler change requests in ServiceNow, ensuring timely, efficient task handling across five environments and driving process improvement in task handling and overall business performance.

PROJECTS

LLM Medical Knowledge Graph. Built a real-time AI platform using LLMs (Mistral, GPT-4), defining semantic ontologies and implementing RAG/Graph RAG with Chroma DB and Neo4j, enhancing decision-making by 30%. GraphRAG

Cyberbullying Classifier. Developed a text classification system with BERT, GRU, and LSTM, achieving 97% accuracy, and advanced sentiment analysis using Word2Vec by solving complex data transformation challenges through innovative modeling. Sentiment Analysis

Fire Dept Analytics. Analyzed 6M+ emergency records, improved response times by 20%, and augmented data insights using AWS and Tableau. San Francisco Fire Deparment Analytics

CERTIFICATIONS

SAFe® Certified 6.0 Product Owner & Product Manager	PMI & IIBA Certified Six Sigma: Green Belt
PMI Certified Lean Six Sigma Foundations	Microsoft Certified Career Essentials in Data Analysis

HONORS

- Awarded IDC Pinnacle Award for outstanding performance   Apr 2022
- Recognized as Star of the Month for exceptional contributions   Nov2021 & Dec 2021