

Narendranath Reddy Reddy

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SUMMARY: A Data Science graduate with expertise in optimizing data systems, machine learning models, and performance profiling. Skilled in computer architecture, heterogeneous computing, and cloud technologies, with experience in Python, SQL, and NLP.

EDUCATION

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|---|---|
| Master of Science, Data Science University of North Texas | Aug 2022 - May 2024 GPA: 3.83 / 4.0 |
| <ul style="list-style-type: none">Multicore Programming, Advanced Operating Systems, Computer Architecture, Machine Learning, NLP | |
| Bachelor of Technology, Computer Science Engineering BNM Institute of Technology - Bengaluru (BNMIT) | Aug 2017 - May 2021 GPA: 8.7 / 10 |
| <ul style="list-style-type: none">Data Structures, Algorithms, Operating Systems, Computer Architecture Cybersecurity, and High-Performance Computing to build a strong technical foundation. | |

TECHNICAL SKILLS

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| <i>Languages</i> | : C/C++, Python, Java, SQL, PL/SQL, Javascript, Unix, Frontend |
| <i>Tools and Technologies</i> | : Hadoop, Spark, Snowflake, Databricks, PySpark, MLflow, Jenkins, GitLab, AWS, Azure |
| <i>Skills</i> | : ML (Sci-kit Learn, TensorFlow, PyTorch), Statistical Modeling, Data Visualization (Tableau, Power BI), CI/CD |
| <i>Libraries/Frameworks</i> | : NumPy, SciPy, Pandas, Spacy, NLTK, BERT, MySQL, PostgreSQL, MongoDB, Cassandra |

PROFESSIONAL EXPERIENCE

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| Data Research Analyst Python, SQL, AWS, Tableau, Power BI, and Git [link] <i>Community Dreams Foundation</i> | July 2024 - Present Dallas, TX, USA |
| <ul style="list-style-type: none">Conduct high-level data analysis and develop statistical models.Contributed to network security and data integrity projects. | |
| Data Analyst Python, SQL, Power BI [link] <i>WFconnect Technologies Limited</i> | Sep 2020 - July 2022 Bengaluru, KA, India |
| <ul style="list-style-type: none">Analyzed datasets to generate actionable insights and automated reports, boosting efficiency by 30%.Built SQL and Power BI dashboards for data-driven decision-making. | |
| Full Stack Developer Intern Java, Spring, JavaScript [link] <i>Glisten Project Solutions Pvt. Ltd</i> | June 2020 - Aug 2020 Bengaluru, KA, India |
| <ul style="list-style-type: none">Developed web applications using Java and Spring.Integrated front-end and back-end components into fully functional solutions. | |
| AI Intern Python, TensorFlow, PyTorch, Spacy, NLTK [link] <i>Tequed Labs</i> | July 2019 - Aug 2019 Bengaluru, KA, India |
| <ul style="list-style-type: none">Deployed machine learning models, ensuring scalability and reliability.Focused on preprocessing, model evaluation, and deployment. | |

SELECTED PROJECTS

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| CNN Based Deepfakes Detection Model Python, TensorFlow, OpenCV, Deep Learning, CNN <ul style="list-style-type: none">Developed a CNN-based model that achieved 95% accuracy in identifying forged images, enhancing digital security on social media. | |
| Optimizing and Forecasting Future Electricity Bills Gradient Boosting, Random Forest, Data Analysis <ul style="list-style-type: none">Created a predictive model for forecasting electricity bills with solar energy, achieving high accuracy. | [link] |
| Extractive Text Summarization with Graph-Based Architectures NLP, Graph Theory, BERT <ul style="list-style-type: none">Improved text summarization accuracy using graph-based methods. | [link] |
| Smart Inventory Management in Retail and Warehousing Python, SQL, Big Data Analytics <ul style="list-style-type: none">Developed a predictive analytics system, reducing stock outs by 20% and improving operational efficiency, while cutting holding costs by 15%. | [link] |
| Secure and Interactive Online Cab Booking Portal Java, Spring Boot, Hibernate <ul style="list-style-type: none">Built a secure booking system, increasing registrations by 40%. | [link] |
| College Predictor Python, Data Analysis, Machine Learning <ul style="list-style-type: none">Developed an application to predict college admissions based on student scores, aiding in decision-making. | [link] |

CERTIFICATES: Build GANs and Diffusion Models with TensorFlow and PyTorch[\[link\]](#), Engineering Project Management: Initiating and Planning[\[link\]](#), Engineering Project Management: Scope, Time and Cost Management[\[link\]](#), Engineering Project Management: Risk, Quality, Teams, and Procurement[\[link\]](#), SQL for Data Analysis[\[link\]](#)

Leadership and Awards: First Place in the Innovative Project Lab Competition for exceptional project development [\[link\]](#). Participated in a 2-day National Level Workshop on "Mobile Control Robotics"[\[link\]](#), Attended a workshop on I/O Interfacing with Embedded Systems, enhancing skills in robotics and embedded technology.[\[link\]](#)