Navya Sri Racha

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EDUCATION

- **Missouri University of Science and Technology** Rolla, MO
  Master of Science in Computer Science; GPA: 3.59 *Aug. 2022 – May. 2024*
- **Vardhaman College of Engineering** Hyderabad, India
  Bachelor of Technology in Electronics and Communications; GPA: 3.60 (8.99/10.0) *Aug. 2015 – July. 2019*

SKILLS

- **Programming Languages**: Python, Java, JavaScript,SQL, Typescript, R, groovy, HTML, CSS, React
- **Software's/Other**: JIRA, Snowflake, DBT,Confluence,GCP,AWS,Openstack, Kubernetes, Helm, , Power BI, Tableau, Advanced Excel, Apache Airflow, Pandas, NLP
- **Database**: MySQL,Hive, Hbase, MongoDB, Spark, PostgreSQL,Scala
- **DevOps Tools**: Git, Jenkins, Azure, Terraform, DevOps practices, Maven, Ansible, TensorFlow, Pytorch
- **Core Competencies**: Communication - Secretary of Toastmasters club. Leadership - First President of Women in Engineer chapter
- **Course Work**: Data Structure, Machine learning, Reinforcement Learning, Data Science,Natural Language Processing, Mathematics, Distributed Storage, Data Mining

EXPERIENCE

- **Reinsurance Group of America** Chesterfield, MO
  Data Engineer *Aug 2023 - Apr 2024*
  - **Data Management**: Designed and developed big data platforms using Python, AWS, and Spark, improving data management efficiency.
  - **Automation**: mplemented automation processes for data transfer between production and testing environments in AWS, reducing manual efforts.
  - **Collaboration**: Collaborated with IT and business stakeholders to define requirements that involves Snowflake, DBT and optimize data models,improving data accessibility and utility for analytics by 25%. Created documentation for CI/CD pipelines using Jenkins and Git.

- **Reinsurance Group of America** Chesterfield, MO
  Business Analyst *May 2023 - Aug 2023*
  - **Web UI**: Modernized Oracle build tool to a new web UI using PL/SQL and Azure DevOps, cutting costs by 15%. Utilized PL/SQL and Azure DevOps for database management and automation.
  - **Workflows**: Streamlined workflows using Toad, boosting productivity by 20%.
  - **Data Collection**: Conducted data analysis using Excel and Power BI to support decision-making processes.

- **Tata Consultancy Services** Hyderabad, India
  Software Engineer *Jul 2019 - Jun 2022*
  - **Production Software Issues**: Diagnosed and resolved production software issues using Java and Python in an agile environment. Provided technical expertise and led AWS best practices training
  - **Automation**: Developed automation end-to-end scripts in Python and Shell to enhance operational efficiency.
  - **Architecture**: Deployed the first cloud-native ENM in a live 5G network using containerization, Kubernetes and Docker. also tested the application using automated testing
  - **Performance Tuning**: Optimized database performance using SQL, reducing query times by 30%, Bug detection and problem-solving as part of sprint
  - **Honor**: Earned the "Star of the Quarter" award for boosting software delivery efficiency by 50%

- **Stumagz** Hyderabad, India
  Team leader *May 2018 - Dec 2018*
  - **Leadership**: Led a content writing team, managing weekly publications using JIRA for task management. Helped people develop their communication skills
  - **Management**: Oversaw magazine releases, guiding technical and creative writing using Confluence.

CERTIFICATIONS

- **AWS Certified DevOps Engineer** : Professional
- **AWS Certified Data Engineer**: Associate