



NIKHIL CHAGANTI

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PROFESSIONAL SUMMARY

Results-driven Data Analyst with a strong foundation in statistical analysis, machine learning, and data visualization. Proficient in leveraging tools like Python, SQL, and Excel to analyse large datasets, uncover trends, and generate actionable insights. Experienced in building predictive models, conducting sentiment analysis, and utilizing visualization tools like Tableau to communicate findings to stakeholders. Currently completing a Master's in Information Systems with a strong focus on data-driven problem-solving and analytics.

TECHNICAL SKILLS

- **Programming Languages & Tools:** Python, C, R
- **Database Management:** PL/SQL, MySQL, ETL, Data Warehouse
- **Data Analysis:** Data Mining, Machine Learning, Power BI, Tableau, Weka, NLP Technologies
- **Web Technologies:** HTML, CSS, UI Design
- **Tools:** Jupyter Notebook, Visual studio Code, GitHub

PROFESSIONAL EXPERIENCE

RTTP Math Coach – Fallstaff Elementary school – Baltimore, MD (February, 2024 – Present)

- Delivered targeted math instruction to 5th, 6th, and 7th-grade students through the Reach Together Tutoring Program, enhancing problem-solving skills and conceptual understanding.
- Employed interactive teaching methods to engage students, increase participation, and foster a deeper interest in mathematics.
- Assessed individual progress and provided tailored support to address diverse learning needs and improve student performance.
- Collaborated with school staff to align tutoring sessions with classroom objectives and curriculum standards, ensuring consistency and effectiveness.
- Created a positive and motivating learning environment, helping students build confidence in their math abilities and improve overall academic outcomes.

COGNIZANT TECHNOLOGY SOLUTIONS – Programmer Analyst – Hyderabad, India

(February, 2022 – October, 2022)

- Gained hands-on experience working on the JP Morgan Chase investment banking project, contributing to data security initiatives.
- Completed specialized training in data security, enhancing understanding of risk management in financial services.
- Conducted in-depth assessments of ETL concepts, culminating in a final project that demonstrated practical application of data integration skills.

- Built a strong foundation in data analytics and cybersecurity, aligning with industry best practices and technological advancements.
- Acquired foundational skills in SQL, ETL processes, and AI & Analytics (AIA) domains, applied in real-world projects.
- Strengthened client management and vendor relations skills, contributing to successful project outcomes.
- Developed expertise in phishing mail detection and cybercrime analysis as part of the CDB AI & Analytics service line at Cognizant.
- Earned EF SET certification, demonstrating proficiency in English language communication and analysis.
- Completed a 9-month tenure with recognition and a service letter from Cognizant for outstanding performance.

ACCENTURE – Entry level Database Developer – Hyderabad, India

(June, 2020 – January, 2022)

- Install, configure, and upgrade SQL Server databases to meet project and client requirements.
- Regularly monitor database performance, identify bottlenecks, and optimize queries, indexing, and resource usage to ensure efficient database operations.
- Develop and implement backup strategies, conduct regular backups, and ensure quick recovery in the event of data loss or corruption.
- Implement security policies and procedures to safeguard data, manage access control, and protect databases from unauthorized access or vulnerabilities.
- Plan and execute data migrations between environments, and set up replication services to maintain database availability and consistency.
- Analyse and optimize slow or inefficient queries, and troubleshoot issues related to database performance, integrity, or corruption.
- Conduct database capacity planning to ensure databases can handle growing data volumes and user demands, while planning for future scalability.
- Maintain comprehensive documentation for database configurations, processes, and standards; generate reports to ensure compliance with performance and security benchmarks.
- Work closely with software developers and IT teams to support database design, development, and deployment efforts.
- Design and implement disaster recovery plans to minimize downtime and ensure business continuity in the event of database failures.

EDUCATION:

- **Master of Science in Information Systems** - CGPA – 3.92/4.0
University of Maryland, Baltimore County, Baltimore, MD
- **Bachelor of Technology in Electronics and Communication Engineering** - CGPA – 8.23/10.0
SRKR Engineering College, Andhra Pradesh, India

CERTIFICATIONS:

- AWS Certified Data Engineer – Associate
- Oracle Database SQL certified - Associate
- Cisco Certified Python – Programming Essentials in Python