

CHALLA HEMASRI

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PROFESSIONAL SUMMARY

Detail-oriented and analytical Computer Science undergraduate with strong knowledge in data analysis, SQL, Python, business reporting, and software solutions. Skilled in machine learning, data visualization, workflow automation, and problem-solving with hands-on experience in real-world projects and internships. Proficient in MS Excel, Tableau, ServiceNow, GitHub, and database management. Strong communication, teamwork, and adaptability skills with a keen interest in Analyst, Software, and Data-driven roles at Capgemini.

EDUCATION

Seshadri Rao Gudlavalleru Engineering College (JNTUK)

B.Tech in Computer Science & Engineering | CGPA: 8.26 | 2023 – Present

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C, SQL
- **Data Analytics & Visualization:** MS Excel, Tableau, Orange Data Mining Tool
- **Database & Querying:** SQL, Data Cleaning, Data Handling, Reporting
- **Machine Learning:** Data Preprocessing, Classification, Clustering, Model Evaluation
- **Platforms & Tools:** ServiceNow, GitHub, VS Code
- **Core Concepts:** Data Analytics, SDLC, ITSM, Problem Solving, OOPs

INTERNSHIP EXPERIENCE

ServiceNow Administration Virtual Internship | SmartBridge & APSCHE

May 2025 – July 2025

- Worked on ServiceNow Administration, ITSM workflows, and user management.
- Assisted in workflow automation and business process optimization.
- Gained practical exposure to ticket management, reporting, and platform configuration.
- Collaborated in troubleshooting and resolving workflow-related issues.

PROJECTS

Hybrid Quantum-Enhanced Deep Learning for Diabetic Retinopathy Detection

- Developed a hybrid AI model using Python, TensorFlow/Keras, and Qiskit for retinal image analysis.

- Performed image preprocessing, feature extraction, and binary classification for diabetic retinopathy detection.
- Improved analytical workflow using machine learning and quantum computing concepts.

Mining Customer Purchase Data for Product Classification

- Built a data mining project using Orange Tool for customer purchase dataset analysis.
- Applied preprocessing, clustering, visualization, and classification techniques.
- Generated analytical insights for customer purchasing behavior.

Ad Data Visualization Tool for Electric Vehicle Analysis

- Created interactive Tableau dashboards to analyze EV charging patterns and energy consumption.
- Used charts, filters, and KPIs to generate business insights and reports.

Student Performance Analysis System

- Developed a mini analytics project using Python and Excel to analyze student performance trends.
- Performed data cleaning, visualization, and report generation for decision-making.

Fake Job Offer Detection using Machine Learning

- Designed a machine learning-based system to identify fraudulent job postings using text classification.
- Applied NLP preprocessing, feature extraction, and predictive analysis techniques.

CERTIFICATIONS

- NPTEL – Introduction to Industry 4.0 and Industrial Internet of Things
- ServiceNow Administration Internship Certificate – SmartInternz
- Tableau Workshop Participation Certificate
- Web Development using Django Workshop
- Python for Data Science – Workshop Participation

ACHIEVEMENTS & LEADERSHIP

- Active NSS Band Team member and represented college at Republic Day Parade, JNTUK Kakinada.
- Volunteered in blood donation camps, plantation drives, and social service activities.
- Coordinated events during a 24-hour Hackathon.
- Presented seminar on CSS Selectors during Full Stack Development training.
- Practiced SQL and coding problems on LeetCode and CodeChef.

SOFT SKILLS

Analytical Thinking | Communication Skills | Problem Solving | Team Collaboration | Adaptability |
Time Management