

CHELLI DILEEP

SOFTWARE ENGINEER

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PROFESSIONAL OVERVIEW

Data Analyst with proven expertise in transforming complex datasets into actionable insights that drive business growth and efficiency. Skilled in Python, SQL, and machine learning to build predictive models and data visualizations that optimize decision-making. Passionate about solving real-world problems through data-driven strategies and measurable outcomes.

WORK EXPERIENCE

Supervisor - KIA Motors Pvt. Ltd. | Apr 2017 - May 2019

- Managed a team of 10+, improving project efficiency by 15% through better coordination.
- Built Excel dashboards that cut reporting time by 50%, streamlining resource management.

PROJECTS

Automated Blood-Group Detection - Python, TensorFlow, OpenCV

- Built a CNN-GNN hybrid model that achieved 90% classification accuracy on fingerprint data.
- Lowered manual intervention by 75% through real-time biometric scanning integration.

CTR Prediction - Python, Scikit-learn, Pandas

- Improved click-through rate prediction by 8% using feature engineering and model validation techniques.

INTERNSHIPS

Data Science Intern - Access Million | Oct 2023 - Apr 2024

- Analyzed 100,000+ customer records to uncover trends that boosted campaign targeting and refined lead conversion by 12%.
- Designed machine learning models that enhanced prediction accuracy by 15%, enabling personalized advertising.
- Created Power BI dashboards that reduced reporting turnaround by 40%, helping stakeholders make informed decisions.

Python Platform Intern - Shiash Info Solutions | Mar 2023 - Jun 2023

- Optimized data pipelines, reducing error rates by 30% and improving application reliability.
- Applied debugging techniques to cut runtime issues by 25%, enhancing performance.

Cyber Security Awareness Intern - CSP | Jan 2023 - Feb 2023

- Led training sessions on cybersecurity, increasing participant engagement by 25% and boosting awareness scores.

Cloud Virtual Internship - AWS Academy | Sep 2022 - Nov 2022

- Automated workflows using AWS EC2 and S3, improving data access speed by 20% and ensuring secure data management.

EDUCATION

Master's in Computer Applications.

Andhra University, Visakhapatnam

2023 – 2025

CGPA: 7.8

Bachelor's in Computer Applications

Aditya Degree College, Andhra University

2020 – 2023

CGPA: 7.5

SKILLS

- Programming:** Python, C, JavaScript
- Web Development:** HTML, CSS, Flask, Django, REST APIs
- Databases:** MySQL, MongoDB, DBMS
- Data Science:** Pandas, NumPy, Scikit-learn, TensorFlow, Keras, PyTorch
- Visualization:** Matplotlib, Seaborn, Power BI, Advanced Excel, Jupyter Notebook

LANGUAGES

- English
- Telugu
- Tamil
- Hindi

CERTIFICATIONS

- Master's in Data Science – (2024)
- Data Analytics Professional – (2024)
- Data Science in Python – Grafx IT Solutions, (2023)
- AWS Cloud Computing Essentials – (2022)
- Cisco Certified C Programming – (2022)
- Python Complete Course for Beginners – Udemy (2022).