

# NIKHIL KUMAR REDDY APUR

+1(234) 238-5164 ♦ Kent, OH

[apurnikhil1@gmail.com](mailto:apurnikhil1@gmail.com) ♦ [LinkedIn](#) ♦ [GitHub](#) ♦ [Portfolio](#)

## OBJECTIVE

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Professional with expertise in Quality Assurance, ETL testing, and BI dashboard validation, seeking data-focused roles. Skilled in SQL, Python, and data visualization, with a Master's in Computer Science, I aim to apply my technical skills to ensure data integrity and drive impactful insights.

## SKILLS

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- **Technical Skills:** Python, SQL, Java, HTML, CSS, JavaScript, ETL testing, BI validation, DBMS, Data Structures
- **Tools & Technologies:** Git, Tableau, Power BI, VS Code, Pycharm
- **Social Skills:** Attention to detail, Problem-solving, Collaboration & Teamwork, Adaptability, Communication

## EXPERIENCE

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### Data Analyst

Feb 2022- Dec 2022

Axtria Ingenious Insights

*Hyderabad, India*

- Conduct testing of ETL tables to ensure data accuracy and integrity.
- Validate BI dashboards for correct data representation and actionable insights.
- Collaborate with cross-functional teams to identify and resolve data issues, ensuring high-quality data pipelines and visualizations.

## PROJECTS

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**Plant Species Recognition Using Deep Learning** This project uses deep learning, particularly convolutional neural networks (CNNs), to classify plant species based on seedling characteristics like color, shape, and growth rate under varying climatic conditions. Techniques like data augmentation and pre-processing (e.g., noise removal) improve model accuracy for identifying species during early growth stages.

**Job Search Web Application** Developed a front-end platform using HTML, Django, CSS, and JavaScript. Enabled user registration for job hiring and renting services, with secure data handling.

**Gender and Age Detection Using Image Processing** Built an ML model using Python for gender and age prediction from images, achieving high accuracy after extensive training.

**Hospital Management System** Java-based application to streamline patient and doctor management, enabling efficient record-keeping and appointment scheduling.

## EDUCATION

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**Masters in Computer Science**, Kent State University, USA

Jan 2023 - Dec 2024

**Bachelor of Engineering**, Vasavi College of Engineering, Hyderabad

2017 - 2021

## CERTIFICATIONS & ACHIEVEMENTS

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- Member of Kent Indian Association at Kent State University
- NPTEL: Data Structures in Python
- NPTEL: Introduction to Machine Learning
- NPTEL: Design and Analysis of Algorithms