

BICHALI KOUSHIK REDDY

📞 +91 9019968991

✉ bkoushikreddy18@gmail.com

LinkedIn

OVERVIEW

Dedicated Computer Science Engineering (CSE) student .Eager to explore emerging technologies, solve real-world problems through innovation, and continuously learn to grow as a tech professional. I am focused, technically skilled, and consistently work on real-world applications to strengthen my expertise.

EDUCATION

B.Tech in Computer Science, Vidya Jyothi Institute of Technology

2021 - 2025

CGPA: 6.98/10

Telangana, India

Intermediate (MPC), Narayana Junior College

2019 - 2021

Percentage: 87.4

Telangana, India

SKILLS

Programming Languages

Python, C, Java, HTML, CSS, SQL, JavaScript

Frameworks/Libraries

NODE.js, React.js, Express.js, Spark, Hadoop, Bootstrap

Developer Tools

Git/Github, VS Code, Power BI, Docker

Cloud Platforms

Microsoft Azure (Azure Data Factory, Azure Databricks, Azure Synapse)

Academic Coursework

Data Structures, Operating Systems, Software Engineering, Computer Networks, Artificial Intelligence, Machine Learning

Certifications

Python and C : CISCO, Java and Machine Learning : Coursera, DBMS with SQL: ORACLE,

PROJECTS

• Netflix Dataset :

End-to-End Data Pipeline with Databricks Workflows and Unity Catalog.

Designed and implemented an end-to-end scalable data pipeline for Netflix dataset leveraging Azure Databricks Autoloader for automated incremental file ingestion from cloud storage. Built multi-layered architecture (Raw Transformed Serving) using Delta Live Tables (DLT) with best practices such as schema evolution, checkpointing, and star schema modeling. Integrated Unity Catalog and Databricks Workflows.

• Farmers Connect :

Python, HTML, CSS, JavaScript, MySQL, Flask

Crop Recommendation : Developed a crop recommendation model with 94 percent accuracy, leveraging soil NPK (Nitrogen, Phosphorous, Potassium) values and location data, enabling farmers to optimize crop selection, with projections showing a potential increase in crop yield. Fertilizer Recommendation : Programmed an algorithm recommending optimal fertilizer blends based on crop type and soil analysis, improving nutrient uptake efficiency and increasing crop yield . Plant Disease Identification : Designed a Disease Identification model based on ResNet9. The model was trained to classify 38 different plant diseases based on leaf images.

• Campus Chronicles :

MongoDB, ExpressJS, ReactJS, NodeJS

Designed and developed an Event Management System to streamline campus events, managing 100+ events annually. Implemented an admin panel to Create, Edit, and Delete events, reducing event setup time by 50 percent. Integrated MongoDB Atlas, securely storing data for 1,000+ registrations and event details.

ACHIEVEMENTS

The Battle of Logic and Code organized by the Lets Code Community : 10,000+ participants

- Secured 139th rank in the DSA MasterMind – MCQ Elimination Round of CodeClash.
- Achieved 761st rank in the CodeSprint – Final Coding Round of CodeClash.