

MUKESH CHEVULA

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github.com/mukesh-chevula

Enthusiastic Computer Science student with strong foundations in Full Stack Development, AI/ML, and Data Science. Eager to solve high-scale problems and design performant systems using clean, functional approaches.

Education

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (CBIT)

OCT 2022 - PRESENT

Gandipet, Hyderabad

CGPA 9.3

Experience

FREELANCE AI EVALUATOR - SOUL AI

APR 2025 - MAY 2025

- Evaluated **20+** AI-generated responses across various domains, ensuring **100%** accuracy in quality ratings.
- Performed side-by-side comparisons and assigned structured scores and feedbacks based on various rubrics to improve model alignment with user intent and clarity.

DATA SCIENCE INTERN - CODTECH IT SOLUTIONS

JUL 2024 - AUG 2024

- Engineered **15+** financial features from **10,000+** data points and optimised portfolios with Modern Portfolio Theory, boosting Sharpe Ratio by **20%**.
- Automated EDA** and **risk analysis** using **Python**, **Pandas**, and **Matplotlib**, showcasing strong skills in data wrangling and quantitative finance.

Skills

Programming Languages:

Python, Java, C, JavaScript, Kotlin, Shell Scripting, Bash, SQL

Full Stack Development (MERN):

ReactJS, NodeJS, ExpressJS, HTML5, CSS3 & Bootstrap5

AI/ML & Data:

ML, DL (PyTorch, TensorFlow), Model Training & Optimisation, Data Analysis

Databases:

MongoDB, MySQL & Database Management Systems

Core Computer Science:

DSA+DAA, Computer Architecture, Compiler Design, Operating Systems

Software Engineering:

Git, Linux/Unix, REST APIs, Problem Solving, Communication & Leadership

Projects

MACHINE LEARNING IN FINANCE - GITHUB

JUN 2024

- Analysed **50K+** financial records to engineer **15+** features, improving model input quality and interpretability.
- Achieved **85%+** accuracy in fraud detection and designed a FOREX predictor reducing error margin by **12%**.
- Optimised portfolios using Modern Portfolio Theory, boosting Sharpe Ratio and reducing risk by **18%**.

MERN E-COMMERCE - LIVE APP - GITHUB

FEB 2024

- Developed a MERN e-commerce app with **JWT**, managing products, users and checkout using **Stripe**.
- Integrated **Redux** for state management, improving cart performance and UI consistency across **components**.
- Designed an admin dashboard for managing **100+ users/products**, supports full **CRUD** and real-time updates.

CHESS AI (ON-GOING) - GITHUB

APR 2025 - PRESENT

- Built a CNN-powered Chess AI using **Python**, **PyTorch**, and **Py-game**, trained on **10M+ moves** from **LiChessDB**.
- Achieved **80%+ move prediction accuracy**, automating data preprocessing, model training, and **interactive GUI** gameplay for real-time play, reducing pipeline setup time and showing end-to-end ML deployment.

Leadership Experience

PLACEMENT COORDINATOR (CBIT)

JAN 2025-PRESENT

SPOC for 2+ companies, coordinated placements for 100+ students with streamlined management

Achievements

- Solved **600+** Data Structures & Algorithms problems on LeetCode - leetcode.com/u/mukesh_muki/
- Earned **HackerRank 5 Star** Badge in **Python** & **SQL** - hackerrank.com/profile/mukeshchevula
- Advanced to **Adobe Gensolve** Round 2, Participated in **SIH 2023** and reached College Finale

Interests

Full Stack Development, AI/ML, Open Source, Hackathons, Chess, Technical Blogs, Emerging Tech, Cricket, Music