Boddeda Karthikeya

GitHub | +91 8074417859 | sunny.penny041@gmail.com | LinkedIn

EDUCATION

UNIVERSITY COLLEGE OF ENGINEERING, KAKINADA (JNTUK)
B-Tech in Computer Science
· May 2026 | CGPA - 8.92

ASCENT CLASSES
Intermediate
· May 2022| MARKS- 955/1000

NARAYANA HIGH SCHOOL
· March 2020 | percentage- 88.4

LINKS

- Github
bvpkarthikeya
- LinkedIn
Boddeda Venkata Pavan Karthikeya
- Gmail
sunny.penny041@gmail.com

COURSEWORK

UNDERGRADUATE
- Web Technologies
- Data Base Management Systems
- Operating Systems
- Object Oriented Programming
- Programming and Data structures
- Computer Networks

SKILLS

PROGRAMMING LANGUAGES
- C
- Java
- Python
- C++
- SQL
- R
- JavaScript
- Type Script

TECHNOLOGIES
- HTML
- CSS
- Bootstrap

FRAMEWORKS & TOOLS
- Spring • Angular • React • Git • GitHub
- Postman Tool

HOBBIES
- Reading Books • Cricket • Writing Stories

EXPERIENCE

CISCO | Cyber Security Intern
Jul 2024 –Aug 2024 | Remote
- Designed and deployed a secure and efficient network topology for University College of Engineering Kakinada using **Cisco Packet Tracer**.
- Simulated and optimized **network configurations**, **security protocols**, and **traffic management** to enhance network performance.
- Strengthened expertise in **network security**, **routing**, and **switching** through advanced network design and analysis.
- **Technologies Employed:** Cisco Packet Tracer

A.N.D INTERN | AI and ML Intern
Mar 2024 –May 2024 | Remote
- Developed **Used Car Price Prediction** models using **Linear Regression** and **Random Forest** with data preprocessing and feature selection.
- Implemented **Credit Card Fraud Detection** models utilizing **Logistic Regression**, **Random Forest**, and **SVM**.
- **Technologies Employed: Pandas**, **NumPy**, **Scikit-Learn**, **Matplotlib**, and **Seaborn**.

PROJECTS

TREE VISUALIZER
- Developed a Tree Visualizer to visualize nodes in Binary Tree, BST, Min Heap, and Max Heap with an interactive interface.
- Technologies Employed: Python, Tkinter, Graphviz.

CODE SOCIAL WEBSITE
- Created a Code Social Website for data structures and algorithms with features like user authentication and code submission.
- Technologies Employed: HTML, CSS, JavaScript, Node.js, Express.js, MongoDB.

ACADEMIC ACHIEVEMENTS

- Achieved Institute 2nd rank at GeeksforGeeks Coding Platform
- Secured a global rank 144 on CodeChef Starters 144 Contest
- Contributed to multiple **open-source projects** as a **contributor** during **GirlScript Summer of Code**, demonstrating commitment to collaborative software development.
- Gained hands-on experience in **version control workflows**, **coding standards**, and **project management** while working with distributed developer teams.
- Secured **Gold Certificate** in Smart Interviews Smart Coder Course.

CERTIFICATIONS

- Introduction to Data Science - IBM
- Introduction to IoT - NPTEL
- Cloud Computing - NPTEL
- Prompting Essentials - Google