

SAIKRISHNA ANKAM

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Education

Jyothishmathi Institute of Technology and Science

Aug. 2021 – June 2024

B.Tech in Computer Science and Engineering(AI and ML)

Karimnagar, Telangana

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

Experience

BCG GenAI Job Simulation on Forage

January 2025

Internship

Remote.

- Completed a job simulation involving AI-powered financial chatbot development for BCG's GenAI Consulting team.
- Gained experience in Python programming, including the use of libraries such as pandas for data manipulation.
- Integrated and interpreted complex financial data from 10-K and 10-Q reports, employing rule-based logic to create a chatbot that provides user-friendly financial insights and analysis.
- Integrated Python, Pandas, and financial APIs to automate data parsing and summarization.

Accenture North America Data Analytics and Visualization Job Simulation on Forage February 2024

Internship

Remote.

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture.
- Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions.
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders.

Projects

Glowing - E-commerce Website

December 2024

- Developed a full-stack e-commerce website using Python and frameworks like Django for backend development.
- Implemented user authentication, product management, cart functionality, and secure checkout processes.
- Designed a responsive frontend using HTML, CSS, JavaScript, and Bootstrap, ensuring a seamless user experience.
- Integrated MySQL for efficient product catalog management and order tracking. Implemented RESTful APIs to facilitate smooth communication between frontend and backend services.

Cyber Bullying Detection System

May 2024

- Developed a Cyber Bullying Detection System using Natural Language Processing (NLP) and Machine Learning (ML) to identify harmful and offensive content in online communications.
- Collected and preprocessed datasets containing social media comments, tweets, and online discussions for training and testing the model.
- Designed the system to provide alerts and reports to administrators or users when cyberbullying content is detected.

Secure Keyword Search and Data Sharing Mechanism for Cloud Computing

January 2024

- Developed a secure keyword search mechanism for efficient data retrieval in cloud storage, ensuring privacy and confidentiality.
- Designed a data sharing mechanism that allows multiple users to access encrypted data securely without exposing private information.
- Utilized indexing techniques and search algorithms to enable fast and accurate keyword-based searches in encrypted cloud databases.

Technical Skills

Programming Languages: Python

Developer Tools: VS Code, PyCharm, Git, Github

Web development: HTML, CSS, JavaScript, Angular

Backend Frameworks: Django

Operating Systems Fundamentals: Process Management, Memory Management

Databases: MySQL, MongoDB

Soft skills: Communication (Written and Verbal), Teamwork and Collaboration, Problem-Solving and Critical Thinking, Time Management and Organization, Adaptability and Flexibility