ABHISHEK JYETHI

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Education

Siksha 'O' Anusandhan Deemed to be University   Nov. 2021 - Apr. 2025
B.Tech in Computer Science and Engineering— CGPA: 7.7 (till 5th SEM)   *Bhubaneswar, Odisha*

Kendriya Vidyalaya Bhawanipatna   Mar. 2019(X) - Apr. 2021(XII)
CBSE (CLASS X) Percentage: 9 3% — CBSE (CLASS XII) Percentage: 87.2%   *Bhawanipatna, Odisha*

Relevant Coursework

- Data Structure and Algorithm
- Design and Analysis of Algorithms
- Object Oriented Programming
- Digital Logic and Design
- Operating System
- Database
- Computer Network
- Computer Security

Experience

Infosys Springboard   May 2024 – Present
Artificial Intelligence Intern   *Mode: Online*

- Conducted comprehensive data analysis on historical sales data to identify trends, seasonality, and patterns.
- Integrated external data sources, including Google Analytics metrics (Google clicks) and social media engagement metrics (Facebook impressions).
- Applied multivariate regression analysis to incorporate multiple KPIs and assess their impact on sales forecasts.
- Utilized data visualization tools to present findings and model outputs to stakeholders.
- Collaborated with cross-functional teams to ensure the model met business needs and aligned with marketing strategies.

Edunet Foundation   Oct 2023 – Dec 2023
CyberSecurity Intern   *Mode: Online*

- Acquired hands-on experience with tools such as SIEM tools, Linux, Suricata, Frameworks and others.
- Strengthened teamwork and communication skills through collaboration with cross-functional teams on security projects.
- Obtained IBM Cybersecurity Analyst Professional Certificate through the IBM SkillBuild program.
- Completed IBM SkillBuild courses in ethical hacking, incident response, and cybersecurity fundamentals.
- Developed and presented a comprehensive cybersecurity project , leading to the Encryption and Decryption of a message by hiding text under a image.
- Programming languages and tools used: python, GitHub, python libraries.

Projects

DEMAND FORECSTING OF E-COMMERCE   May 2024 – Present

- Designed and implemented a model to predict future product demand for an E-commerce business.
- Leveraged historical sales data to identify patterns and trends over time, enabling accurate demand predictions.
- Employed advanced statistical methods to account for various factors influencing demand, enhancing the model's robustness.
- Incorporated key performance indicators such as Google clicks and Facebook impressions to provide a comprehensive view of customer engagement and interest.
- Technologies Used: Python, Google Analytics API for data integration, Pandas, NumPy, SciPy for statistical analysis, Matplotlib, for data visualization, Scikit-learn for machine learning algorithms.

ENCRYPTIN AND DECRYOTI|ON OF TEXT *using PYTHON*   Dec 2023

- Developed a Python application to encrypt and decrypt text messages using symmetric encryption algorithms such as AES, ensuring data security and confidentiality.
- Implemented functions for encryption and decryption using the cryptography library, generating secure keys for cryptographic operations.
- Extended the project to incorporate steganography techniques, enabling the hiding of encrypted text within images to ensure covert communication.
- Utilized image manipulation libraries like Pillow to embed binary text data into the pixels of images while maintaining visual integrity.

NETWORK DESKTOP MANAGER *using JAVA, NETWORKING, THREADING, GUI DEVELOPMENT*   **Jan 2024**
- Developed a Network Desktop Manager application with Java, focusing on networking, threading, and GUI development.
- Designed and implemented a comprehensive network management system to facilitate seamless communication and data exchange among networked desktops.
- Utilized advanced threading techniques to optimize performance and ensure smooth operation of concurrent tasks within the application.
- Integrated intuitive GUI components to provide users with a user-friendly interface for managing network resources effectively.

Technical Skills

Languages: Python, Java, C, HTML, CSS, JS, MYSQL

Developer Tools: VS Code, Eclipse, IntelijIdea, Cisco packet Tracer
Technologies/Frameworks: Linux, Git, GitHub

Leadership / Extracurricular

- Attended google cloud community, Bangalore.
- Participated in Mercor hackathon and one of the finalist of it.
- Participated in Flipkart 2.0 hackathon and advanced upto level 2.
- Contributed in opensource events like HACTOBERFEST, SWOC.
- Campus Ambassador for GSSOC'24.
- Community Member of Linkedin Marketing Insider.