

ANANTHULA VIVEKKUMAR

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Summary

Interested in AI systems, with hands-on experience in Python, Machine Learning, and data processing using NumPy, Pandas, visualization with Matplotlib, Machine learning with Scikit-learn. Highly skilled Full Stack Developer with expertise in front-end and back-end development. Proficient in creating dynamic, responsive web applications using modern technologies such as JavaScript, Python, NodeJS, reactJS and ExpressJS. Passionate about delivering high-quality software solutions that meet client requirements and enhance user experience.

EDUCATION

Nxt Wave Technologies

Full stack Developer

2022-2025

Hyderabad, India

Vardhaman College of Engineering

B.Tech - ECE - 7.8 CGPA

2020 – 2024

Hyderabad, India

SR Junior College

Intermediate - M.P.C - 95.8%

2018 – 2020

Nizamabad, India

PROJECTS

Restaurant Web Application 🔗 | Html, Css, Bootstrap, Javascript

- Designed page using HTML structure elements like li, header, article, footer elements and different bootstrap components to show different sections in the website.
- Implemented product YouTube videos by using bootstrap embed and model components.
- Ensured responsiveness through a mobile-first approach using various bootstrap classes.

Home Essential Store 🔗 | Html, Css, Bootstrap, Javascript

- Developed a responsive web application with structured HTML5 and Bootstrap components to showcase essential home categories such as Furniture, Fruits, Groceries, About Us, and Contact Us.
- Integrated a smooth-scrolling navbar for seamless navigation across different website sections, enhancing the user experience.
- Applied Bootstrap grid system, responsive cards, and utility classes to ensure a mobile-first design that adapts to all screen sizes.

Customer Segmentation for Business Analysis | Python, Pandas, NumPy, Matplotlib, Scikit-learn

- Implemented K-Means clustering to segment customers based on purchasing behavior, helping businesses target different user groups effectively.
- Performed data preprocessing, feature engineering, and exploratory data analysis using Pandas and Matplotlib.
- Visualized customer clusters to draw actionable insights for improving customer retention and marketing strategies.

SKILLS

Course Work: Web Development, REST APIs, API Creation, Machine Learning

Programming Languages: JavaScript, Python, Java, SQL

Web Technologies: HTML, CSS, Bootstrap

Frameworks & Libraries: Node.js, Express.js, React.js, NumPy, Pandas, Matplotlib

Databases: SQLite, MongoDB

Developer Tools: VS Code, Postman, Git

Concepts: OOPs, REST APIs

ACHIEVEMENTS

- Paper Published in Data Security Enhancement in Cloud Computing using AES encryption. Collaborated with a team on the major project titled 'Data Security Enhancement in Cloud Computing using AES Encryption' during my graduation. The project was selected for publication in a paper by Taylor Francis Group and presented at the International Conference on Progressive Computational Intelligence, Information Technology, and Networking (COM-IT-CON 2024).

CERTIFICATIONS

- Certified in Programming language in Python and Javascript by **Nxt Wave**.
- Certified in Web development courses Html, Css, Bootstrap by **Nxt Wave**.
- Certified in SQL Database course by **Nxt Wave**.
- Certified in NodeJs course by **Nxt Wave**.
- Certified in ExpressJs course by **Nxt Wave**.