AAVULA YESUBABU

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About

Driven and aspiring full stack developer with a strong passion for creating dynamic and innovative web applications. Equipped with a solid foundation in both frontend and backend development, I am committed to mastering a diverse set of technologies and frameworks to deliver comprehensive solutions. With a proactive approach to learning and a keen eye for detail, I am eager to contribute to collaborative projects and continue growing as a versatile developer in the ever-evolving landscape of web development.

Education

Vishnu Institute Of Technology, Bhimavaram   **2021 - 2025**
B.Tech in Computer Science & Engineering   *8.9/10 CGPA*

Chitanya Junior College, Addanki   **2019 - 2021**
Intermediate   *9.1/10 CGPA*

Zp Government High School, Addanki   **2018 - 2019**
10 th class   *9.0/10 CGPA*

Work Experience

Oasis Infobyte Intern   **March 2023 – April 2023**
                    Remote

- ATM Interface By using Java
- Number Guessing By Using Java

Bhrath Internship   **August 2023 – September 2024**
                    Remote

- Wine Quality Prediction By using Machine Learning techniques [Linear Regression]
- House pricing By using Machine Learning Techniques[Linear Regression]

Aicte Internship   **May 2023 – July 2024**
                    Remote

- Implemented end-to-end ML pipelines on AWS, covering machine learning fundamentals, forecasting, computer vision, NLP, and generative AI. Utilized SageMaker, Amazon Forecast, Rekognition, Ground Truth, and CodeWhisperer. Hands-on experience in data preprocessing, model training, and deployment. Enhanced proficiency in AWS AI/ML services.

CodingRaja Internship   **January 2023 – February 2024**
                    Remote

- Developed and deployed a robust ML model for ATM credit card fraud detection, employing Python and various machine learning and deep learning algorithms XG Boost,Random Forest,Neural Network, after meticulously executing data collection, preprocessing, feature engineering, EDA, model training, and evaluation phases.
- Build a movie recommendation system using collaborative filtering techniques to suggest movies to users based on their preferences

Projects

Project1:QuickMart   [Source Code](#)

- A **QuickMart** Designed and developed a dynamic e-commerce website using HTML, CSS, and JavaScript. Integrated Node.js for robust backend functionality, enabling seamless interactions between the frontend and server. Leveraged Firebase for efficient data storage and management, ensuring scalability and security. Implemented responsive design principles to optimize user experience across devices. Resulted in a user-friendly online platform facilitating smooth transactions and personalized interactions, enhancing customer engagement and satisfaction
- It should be capable of handling a **load of up to X+ simultaneous users** using **Horizontal Scaling.**
- Building a **QuickMart** Crafted a user-friendly interface that effectively reduced waiting times by 20 percent **top 20.0%** of India.

Project2:CampusCart   [Source Code](#)

- A **CampusCart** Recipient of a prestigious Full Stack Web Development certification, distinguished by the coveted Best Project Award for 'Campus Cart,' an innovative Campus E-commerce Website. Developed using HTML, CSS, JavaScript, and Flask for seamless frontend and backend integration, ensuring a dynamic user experience. Leveraged Firebase as the backend database, enabling efficient data storage and retrieval. 'Campus Cart' stands as a testament to my proficiency in web development, creative problem-solving, and dedication to delivering impactful solutions

Project3:ScreenSuggest   <u>Source Code</u>

- A **ScreenSuggest** Deployed the movie recommendation system on Heroku for global accessibility, ensuring users can easily access personalized movie suggestions. Leveraged Heroku's platform to streamline deployment, maximizing scalability and reliability. This achievement demonstrates my proficiency in cloud computing and deployment strategies, facilitating widespread access to the recommendation engine.

Technical Skills

Languages: Python, Java, C++, JavaScript,Machine Learning ,Nlp
Backend: Node.js, Express.js
Frontend:TailwindCSS, HTML, CSS, Bootstrap
Clouds & Databases: AWS, PostgreSQL, MongoDB,FireBase,
Developer Tools: VS Code, GitHub,

Soft Skills

Communication

Problem Solving

TimeManagement.

Achievements

Accelerator Programming Camp   **March 2024 – present**
Batch of 2025

- Proven problem solver with a remarkable track record of over 100 solutions on HackerRank, encompassing Python 3-star, Java 3-star, and C 3-star challenges. Demonstrates mastery in algorithmic problem-solving and coding across diverse languages, reflecting a deep commitment to continuous improvement and excellence in software development
- Solved **250+** DSA problems from **Rapid Growth Problemset**, building problem solving skills.
- Achieved proficiency by solving over 100 problems on Geeks for Geeks, demonstrating diverse technical skills and strong problem-solving abilities..
- My e-commerce website capstone project received recognition as the Best Project, lauded for its exceptional development and functionality..
- Achieved proficiency by solving over 100 problems on Leet Code, demonstrating diverse technical skills and strong problem-solving abilities..

Certifications

- Successfully Completed **NPTEL** Certificate on Data Structure and Algorithms Using **JAVA**
- Successfully Completed **NPTEL** Certificate on Programming **NLP**.