BASAVA JAYABINDU

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EDUCATION

- M. S. Ramaiah Institute of Technology (B.E.) — 2021-2025
  Computer Science and Engineering (Artificial Intelligence and Machine Learning) — Current GPA: 9.84/10.0
- Telangana State Board of Intermediate Education (Class 11th and 12th) — 2019-2021
  Grades: 986/1000

SKILLS

Languages: • Java • Python3 • JavaScript • C++ • C • HTML • CSS

Technical skills: • Full Stack development • React • Node.js • Express.js • Data Science and Analytics with Python • MySQL • MongoDB • PostgreSQL • Machine Learning with stats models and scikit-learn • Python programming with NumPy, Pandas, Matplotlib, TensorFlow

COURSEWORK

Courses: Data structures, Object Oriented Programming, Design and Analysis of Algorithms, Computer Organisation and Architecture, Operating systems, Data Communication and Networking, Unix Shell Scripting, Database Management Systems, Software Engineering, Big Data Analytics, Artificial Intelligence, Cloud Computing, Cryptography.

PROJECTS

To-do list application | *Node.js, Express.js, PostgreSQL, HTML5, CSS3, JavaScript-* ProjectLink
- Developed a full-stack to-do list application using Node.js, Express.js, and PostgreSQL for CRUD operations.
- Implemented a dynamic, responsive user interface with EJS templates, HTML5, CSS3, and JavaScript.
- Ensured data persistence with a robust PostgreSQL database setup.

Predictive Modeling Projects | *Pandas, NumPy, Matplotlib, Seaborn, Machine Learning, Deep Learning, Data Science-* ProjectLink
- Developed predictive models for wine quality assessment and stock price prediction.
- For wine quality prediction, performed exploratory data analysis, feature engineering, and machine learning with hyperparameter tuning to optimize model performance, achieving high predictive accuracy.
- For stock price prediction, utilized LSTM neural networks leveraging TensorFlow, incorporating time-series analysis and financial indicators to enhance model accuracy.

Hostel services - Front-end web development project | *HTML, CSS, JavaScript-* ProjectLink
- Developed a front-end hostel website as a part of academic coursework that serves as an online platform to showcase hostel accommodations, services, and amenities to potential guests.
- Implemented a comprehensive web development strategy encompassing HTML layout design for page structure, CSS styling for visual enhancement, and JavaScript integration for dynamic features and user interaction.

EXPERIENCE

CodeClause | *Data science intern* — Sept. 2023 – Oct. 2023

Leveraged advanced Machine Learning techniques for predictive modeling. Conducted comprehensive data analysis, preprocessing, and model development. Gained proficiency in data manipulation, feature engineering, and model evaluation.

ACHIEVEMENTS

- Qualified the GATE 2024 examination in **CS** (Computer Science) and **DA** (Data Science and Artificial Intelligence) subject papers.
- Successfully cleared the **JEE Advanced 2021** showcasing strong skills in Math, Physics, and Chemistry.
- Secured an AIR of 675 in the **COMEDK 2021** exam held nationwide.

DECLARATION:
I hereby declare that all the above mentioned information is true to the best of my knowledge and belief.

Place:Bangalore
(BASAVA JAYABINDU)