

LAKSHMI PRAVALLIKA BHUPATHI

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OBJECTIVE

Highly motivated and detail-oriented Project Engineer Trainee with practical experience in project coordination, technical execution, and problem-solving. Eager to apply my engineering knowledge and project management abilities to drive innovative solutions and contribute effectively within a dynamic professional environment.

EDUCATION

Master of Applied Computer Science, Northwest Missouri State University December 2024
Relevant Coursework: SQL, Big Data, Android Development

Bachelor of Computer Science, Vignan's Institute of information and Technology 2018 - 2022

SKILLS

- **Languages:** Python
- **Frameworks/Libraries:** NumPy, Django, Pandas
- **Databases:** MySQL, MongoDB
- **Tools:** Git
- **Other Skills:** SQL, Data Analysis, Data Visualization

EXPERIENCE

WIPRO Mar 2023 - July 2023
Project Engineer *Chennai, India*

- Gained hands-on experience in backend application development using Java/J2EE and the MERN stack.
- Collaborated with cross-functional teams to develop and implement real-world applications.
- Enhanced skills in backend development, troubleshooting, and system optimization through project-based learning.

ASSOCIATION FOR COMPUTING MACHINERY (ACM) Member June 2020 - June 2022
Visakhapatnam, India

- Participated in industry-relevant workshops, webinars, and conferences focused on emerging technologies like AI, machine learning, and software development.
- Engaged in collaborative projects and coding challenges to enhance problem-solving and programming skills.

PROJECTS

Yield Aggregator. April 2022
This decentralized app (DApp) enables users to deposit DAI into a smart contract, which automatically invests in either Compound or Aave based on the highest interest rate. Users can rebalance their funds or withdraw anytime. Built on the Ethereum blockchain, the smart contracts are immutable once deployed. The project also includes a supply chain system, allowing sellers to list items and buyers to purchase, with transactions securely tracked on the blockchain.

Movie Ticket Booking System. April 2023
This project enables users to browse, select, and book movie tickets online with secure payment integration. Implemented RESTful APIs with Node.js and Express for user authentication, seat selection, and booking management, interacting with MongoDB for data storage. Built responsive and dynamic UI using React, incorporating Redux for state management and integrated payment gateways like Stripe for transactions.

Stock Price Prediction Using LSTM and Random Forest Regressor.

Jan 2024 - May 2024

Developed a predictive model utilizing LSTM neural networks and Random Forest Regressor. Integrated Finance API to gather real-time stock data and applied various technical indicators for enhanced prediction accuracy. Achieved reliable predictions for future stock prices by analyzing historical market trends and patterns.

Travel Buddy.

May 2024 - Dec 2024

Implemented TravelBuddy, a platform designed to revolutionize travel planning and management by enhancing efficiency and convenience. This website centralizes trip planning, accommodation booking, and attraction discovery, streamlining the entire travel process. It addresses operational challenges, boosts user satisfaction, and significantly improves the quality of the travel planning experience..

EXTRA-CURRICULAR ACTIVITIES

- Participated in public speaking competitions, improving presentation and critical thinking skills.
- Completed online certifications in fields like AWS Academy Cloud Foundations, Cisco Networking Academy.

DECLARATION

I solemnly affirm that all the information provided in this document is accurate and truthful to the best of my knowledge. I accept full responsibility for the correctness of the details provided.