Sandepamu Jayamma

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in https://www.linkedin.com/in/jayamma-sandepamu-58b29b212/   🏴 India

PROFESSIONAL EXPERIENCE

Software Engineer   10/2022 – 07/2023
WorkFusion India Private Limited   Hyderabad, India

- Collaborated within the Studio Team to develop user-friendly websites utilizing HTML, CSS, and JavaScript, resulting in a 30% increase in user engagement based on post-implementation analytics.
- Utilized frontend frameworks to create visually appealing and responsive web solutions using React.js.
- Spearheaded the implementation of low-code and no-code solutions, streamlining development processes, and reducing project delivery timelines by 20%.
- Conducted frontend testing using React Testing Library (RTL) and Jest, resulting in a 25% decrease in post-release bugs, thereby enhancing application quality and overall user satisfaction.
- provided valuable support to the team and assisted in various tasks, leading to 100% on-time project delivery.
- Applied Agile and Scrum methodologies to drive 15% faster project completion and improved team efficiency as measured by sprint velocity and team feedback.
- Completed comprehensive backend training on Java, Spring, and SQL, acquiring a strong foundation for future backend development endeavors.

PROJECTS

Traffic flow prediction in smart cities using machine learning algorithms   01/2022 – 05/2022

- Developed and deployed an Intelligent Transport System (ITS) to improve traffic flow prediction accuracy.
- Analyzed machine learning algorithms such as Random Forest and Decision Tree, improving traffic flow prediction accuracy by 15% compared to traditional methods.
- Trained the machine learning models on relevant training data to optimize their predictive capabilities, achieving a 90% accuracy rate in traffic flow forecasts.
- Contributed to the advancement of smart city infrastructure by implementing ITS technology for traffic management and optimization.

SKILLS

- Programming Language: Python,Java
- Database: SQL
- React.js
- JSON
- JavaScript
- HTML5
- CSS3
- Agile and Scrum Methodologies
- Version Control Systems: Git
- Responsive Web Design
- Material UI
- REST APIs
- Bootstrap

INTERSHIP

IOT Developer
Exposys Dtata Labs

07/2021 – 08/2021
Bapatla, India

- During my internship at Exposys Data Labs, I spearheaded an IoT project focused on Morse code-based encryption and decryption using flashlight signals, emphasizing secure data transmission between users.

EDUCATION

Bachelor of Technology
Bapatla Engineering College

07/2018 – 05/2022
Bapatla, India

- Electronics and Communication Engineering
- CGPA:8.04

Intermediate
A.P.S.W.R Junior College

06/2016 – 04/2018
Pedapavani, India

- Maths, Physics, Chemistry(MPC)
- CGPA:8.5

COURSES

Python FullStack
NXT Wave

Hyderabad, India

- Successfully completed a comprehensive Python full-stack program, equipping me with the skills and knowledge required to excel in both frontend and backend development.

ACHIEVEMENTS

Sports
1. Achieved state-level certificate in kabaddi competition
2. Achieved district-level certificate in javelin throw competition

Technical
1. Number of problems solved in Leetcode
2. Number of problems solved in HackerRank

INTERESTS

Learning new skills | Coding | Good analytical and problem-solving skills | Multi-disciplinary communication skills