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Technical Skills

Languages and Libraries: Python, JavaScript, React.js, Node.js, Express.js, Apis, JSON

Databases: MySQL, MongoDB

Other Skills: HTML, CSS, Bootstrap, Git, Ejs, Pandas, Numpy

Experience

Compsoft Technologies

October 2023 - December 2023

Machine Learning Intern

Bengaluru, India

- **Implemented** machine learning models to categorize audio data, utilizing Python libraries like NumPy, Pandas, and Scikit-learn.
- **Enhanced** model accuracy by 15% through feature engineering and robust data preprocessing techniques.
- **Gained hands-on experience** in building and deploying end-to-end machine learning solutions.

Projects

Bookstore Application

- Engineered a full-stack bookstore application leveraging the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Implemented user authentication, book browsing, and shopping cart features, enhancing user engagement.
- Designed and optimized RESTful APIs to enable seamless client-server communication, improving data retrieval speed by 20%.
- Utilized MongoDB for efficient database management and React.js to create a responsive, user-centric interface.

Blog Application

- Created and maintained a responsive, dynamic blog platform using React.js. Integrated functionality for post creation, editing, and deletion, ensuring a streamlined and intuitive user experience.
- Leveraged React Router for smooth navigation and employed state management to enhance data consistency. Focused on performance optimization and responsive design, achieving cross-device compatibility and a 15% increase in load speed.

TV Show Search App

- Designed and built a dynamic TV show search tool using JavaScript, HTML, CSS, and Bootstrap for a visually appealing frontend. Integrated and customized a public API to fetch and display real-time TV show data with detailed information. Enhancing reliability and reducing response times by 25%.
- Crafted a responsive, user-friendly interface with advanced search and filter features for effortless navigation. Streamlined API calls and implemented robust error-handling mechanisms.

Certificates

- The Web Developer Bootcamp 2024 – Udemy
- Fundamental of Machine learning - Rapsol Technologies
- The Joy of Computing Using Python - NPTEL

Achievements

Honors Degree

Nov 2022 - DEC 2024

- Completed an honors degree alongside a bachelor's degree, focusing on advanced technical and interdisciplinary topics. courses included The Joy of Computing using Python, Artificial Intelligence Search Methods for Problem Solving, Introduction to Industry 4.0 and Industrial Internet of Things, Natural Language Processing, Data Structures and Algorithms Using Java, and Cloud Computing. Each course was 3 credits and spanned 12 weeks, providing in-depth theoretical and practical knowledge. Demonstrated exceptional commitment by balancing rigorous honors coursework with bachelor's studies.

Education

Visvesvaraya Technological University

Nov 2021 – Jun 2025

BE in Information science, Don Bosco Institute of Technology (GPA: 8.1 cgpa)

Bengaluru, India

