Niveditha Kulkarni

MERN FULL STACK DEVELOPER

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Profile

Dynamic and highly motivated MERN Full Stack Developer with a strong foundation in React.js, Node.js, Express.js, and MongoDB. As a fresher, I bring a fresh perspective and a passion for developing innovative web applications. I have successfully completed numerous projects, showcasing my ability to design and implement efficient, scalable, and user-friendly solutions. Eager to contribute my skills and enthusiasm to a forward-thinking team, I am committed to continuous learning and staying updated with the latest industry trends to deliver cutting-edge technology solutions.

Skills

- Proficient in developing full-stack web applications using the MERN stack (MongoDB, Express.js, React, Node.js).
- Experienced in building RESTful APIs and dynamic single-page applications (SPAs).
- Strong back-end development skills with Node.js and Express.js, including server-side logic, middleware, and database interactions.
- Knowledgeable in version control systems like Git for effective collaboration and maintaining a clean, organized codebase.

Education

Foundational Level in BSc Degree

Indian Institute of Technology Madras. | Chennai, India

Dec 2024

Data Science and Its Application

Bachelor of Engineering

Ballari Institute Of Technology and Management | Ballari, India

Visvesvaraya Technological University - Jun 2023

Computer Science and Engineering

Internship

Full Stack Developer

Edureka | Banglore, India

Nov 2022 - May 2023

- Developed full-stack web applications using the **MERN stack (MongoDB, Express.js, React.js, Node.js)**.
- Designed and deployed robust **backend services** with **Node.js and Express.js** for efficient data management.
- Created dynamic, **responsive user interfaces** using **React.js**, enhancing user engagement.
- Integrated **RESTful APIs** to retrieve and display real-time data.
- Optimized application **performance and accessibility.**

Projects

Netflix Clone (MERN Stack)

- Developed a full-stack **Netflix UI replica** using **React.js**, showcasing expertise in **component-based architecture** and **state management (Redux)**.
- Implemented **secure authentication** and **real-time database storage** with **Firebase**.

BookMyShow Clone (Full-Stack MERN Application)

- Built a **full-featured ticket booking application** inspired by **BookMyShow**, utilizing **React.js, Node.js, Express.js, and MongoDB**.
- Implemented **user authentication, movie listings, seat selection, and payment gateway integration**.
- Designed a **responsive and intuitive UI** to enhance user experience.
- Deployed the application on **AWS** with **CI/CD pipelines for automated deployment**.

Weather Web Application (React + APIs)

- Designed and built a weather forecasting app that fetches real-time data from **OpenWeather API**.
- Implemented **responsive UI** using **CSS3, Tailwind CSS**, ensuring an optimal user experience.

Hand Sign Recognition System (Machine Learning & Computer Vision)

- Developed a **real-time hand gesture recognition system** using **Python, OpenCV, and deep learning models**.
- Applied **feature extraction and classification** for accurate sign recognition.

Gym Management System (DBMS, Node.js, SQL)

- Designed and implemented a **database-driven web application** for gym membership and management.
- Developed **secure authentication** and **data retrieval operations** using **SQL & Node.js**.

COVID-19 Data Analysis (Python, R)

- Analyzed COVID-19 trends using **Python (Pandas, Matplotlib) & R**, providing insights into infection and mortality rates.
- Created **data visualizations** to aid decision-making in public health strategies.