

Parmar Parth K

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Skills

Languages: C, Java, Python, JavaScript, SQL, PHP

Technologies & Tools: NodeJS, MongoDB, ExpressJS, ReactJS, Servlets, JSP, JSF, Machine Learning Algorithms

Project Work

- **EasyEstate(2024):** Developed a property management web app using the MERN stack. Implemented property posting, browsing, and user-owner chat with real-time messaging. Utilized Prisma ORM for database management. Technologies used: MongoDB, Express.js, React, Node.js, Prisma ORM, Socket.io.
- **Natours (2023):** Developed a web application for booking and managing tours. Implemented efficient route handling and RESTful APIs using Express.js. Designed and managed the database schema and operations using MongoDB for storing tour, user, and booking data. Incorporated robust user authentication and authorization mechanisms. Utilized modern JavaScript practices and Node.js for server-side scripting. Employed responsive design principles for an optimal user experience across devices. Node.js, Express.js, MongoDB.
- **Weather Forecasting (2023):** Developed a web application for weather forecasting using machine learning algorithms. Implemented data preprocessing and feature engineering to prepare historical weather data for training models. Utilized machine learning techniques to predict weather conditions and temperature. Python, scikit-learn, pandas, NumPy, Matplotlib.

Education

L.D College of Engineering, Ahmedabad

Sept 2021 - present

B.E. in Computer Engineering

CGPA: 7.83/10

Relevant Coursework: Object Oriented Programming, Databases, Discrete Math, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Advance Data Structures and Algorithms, Theory of Computations, Digital Logic.

BAPS SVM, Gondal

July 2019 - June 2021

Higher Secondary Education

Percentage: 90%

Certifications

- Full-stack Web-development Certification on Udemy
- Data-Science and Python Certification by IBM

Experience

Participated in SIH hackathon

Developed a disease prediction system using machine learning for the SIH hackathon. Implemented Tkinter-based GUI, application which uses machine learning algorithm Naive Bayes classifier. Also explored various machine learning algorithms like SVM, RF classifier etc.

