

VIPUL MEHRA

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Summary

Full Stack Developer (MERN) with expertise in MongoDB, Express.js, React, and Node.js, specializing in building dynamic and scalable web applications. Skilled in RESTful APIs, front-end development, and database management, with hands-on experience in e-commerce, booking systems, and weather apps. Passionate about creating efficient, user-friendly solutions with clean and maintainable code.

Education

Chandigarh University

Bachelor of Engineering , B.E. in Computer Science

2020 – 2024

Mohali , Punjab

Shaheed Bishan Singh Memorial Ser. Sec. School

Senior Secondary (CBSE) , XII

2018 – 2019

New Delhi

Aadarsh Public School

Secondary (CBSE) , X

2016 – 2017

New Delhi

Projects

LuxWatch Store | React, MongoDB, ExpressJS

- Developed a dynamic React-based e-commerce website showcasing a curated collection of watches. Designed, implemented, and deployed a custom RESTful API using Express.js and integrated it with MongoDB to manage and persist watch data, ensuring seamless functionality and data integrity

Weather App | Java, XML

- Developed a weather-based Android application using Java and XML, leveraging Jetpack Compose for a seamless user experience. The app allows users to browse weather information for various locations by integrating an API for real-time weather data. Focused on efficient API handling, clean UI/UX design, and robust functionality to ensure reliable performance.

Eats and Treats | React, MongoDB

- Developed a responsive and visually appealing restaurant website using React and Tailwind CSS, featuring a dynamic menu fetched from MongoDB to ensure up-to-date information. Integrated a table booking system with MongoDB to store reservations, enabling users to book tables in real time with instant confirmation, enhancing the overall dining experience.

Technical Skills

Languages: C++, Java, Python, JavaScript, HTML/CSS, R

Tools and Platforms: Visual Studio, Qt Designer, Android Studio, GitHub, WordPress Postman

Technologies/Frameworks: Express.js, React, Node.js, RESTful API, Redux, Firebase, Machine Learning, Data Science, TensorFlow, Pandas, NumPy, Scikit-learn

Databases: MongoDB, MySQL

Work Experience

Web Development Intern | Prodigy InfoTech

March 2025 - April 2025

- Currently interning as a Full-Stack Web Development Intern , gaining practical experience in building and deploying web applications.
- Engaging in hands-on projects to develop and refine full-stack web solutions while collaborating with cross-functional teams and following company guidelines.

Certifications

Java Full Stack (Wipro TalnetNext)

Machine Learning (Internshala Trainings)

Web Development (Internshala Trainings)

Java programming (Springboard)

Python For Everybody From University of Michigan (Coursera)

Android App Development (Internshala Trainings)