

# Avi Jaiswal

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## PROFILE SUMMARY

**Aspiring MERN Stack Developer with a passion for building dynamic and scalable web applications.**

- Strong foundation in **MongoDB, Express.js, React.js, and Node.js**, with hands-on experience in designing and developing full-stack web applications.
- Proficient in creating **RESTful APIs**, implementing responsive front-end interfaces, and managing databases to deliver high-performing and user-friendly solutions.
- Skilled in debugging, optimizing application performance, and adhering to best coding practices to ensure maintainability and scalability.

## EDUCATION

**Bachelor of Technology (B.Tech.) - Computer Science and Engineering**

**IMS Engineering College, Ghaziabad**

July 2019 - June 2023

- 60.00%

**Higher Secondary - Science**

**JB Academy, Ayodhya**

March 2018 - April 2019

- 64.00%

**Class 10th - Science**

**JB Academy, Ayodhya**

March 2016 - April 2017

- 8.0 CGPA

## PROJECTS

**E-commerce Website Using MERN Stack**

**Tools:** MongoDB, Express.js, React.js, Node.js, Redux, RESTful APIs, JWT Authentication

An end-to-end e-commerce platform designed to provide users with a seamless online shopping experience, including features for browsing products, managing carts, and processing orders.

**Responsibilities:**

- Designed and developed the **front-end** using **React.js** and **Redux**, delivering a responsive and user-friendly interface.
- Built robust **back-end APIs** with **Node.js** and **Express.js**, enabling efficient handling of user authentication, product management, and order processing.
- Integrated **MongoDB** as the database to store and manage product data, user profiles, and order history, ensuring scalability and reliability.
- Implemented **JWT-based authentication** and secure login mechanisms to protect user accounts and sensitive data.
- Developed dynamic product listing pages, a shopping cart system, and a checkout workflow with secure payment gateway integration.

**Personal Portfolio Website**

**Tools:** React.js, CSS, HTML, Bootstrap

A responsive and visually captivating personal portfolio website designed to showcase professional skills, projects, and achievements effectively.

**Responsibilities:**

- Designed and developed an interactive **front-end** using **React.js**, ensuring a modern and responsive user interface.
- Crafted visually appealing layouts with **HTML**, **CSS**, and **Bootstrap**, prioritizing a clean and professional design.
- Implemented animations and transitions to enhance user engagement and interactivity.
- Built dynamic sections, including project showcases, an about page, and a contact form, to highlight key information.
- Ensured cross-browser compatibility and responsiveness across a wide range of devices.
- Optimized performance by following best practices in frontend development and adhering to W3C standards.

## INTERNSHIP

**MERN Stack Intern at Ducat IT School**

Completed a comprehensive 6-month paid training/diploma in MERN Stack from Ducat IT School, which included practical assignments and real-world scenarios. This experience provided a strong foundation in web development principles, tools, and techniques, effectively functioning as an internship.

**Key Learnings & Responsibilities:**

- Developed full-stack web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Proficient in React.js, including component-based architecture, state management, and building user interfaces.
- Built RESTful APIs with Node.js and Express.js, handling data routing, authentication, and authorization.
- Worked with MongoDB, including data modeling, schema design, and CRUD operations.
- Utilized Git for version control.
- Implemented unit and integration tests.
- Worked in an Agile environment.
- Stayed updated with the latest MERN stack advancements.

#### **Skills Acquired:**

- Strong JavaScript, React.js, Node.js, and Express.js skills.
- Expertise in MongoDB.
- Excellent problem-solving and debugging abilities.
- Strong communication and teamwork skills.

### **ACADEMIC ACHEIVEMENTS**

- Summer training program on android development with core java from Netcamp.
- Certification in web development by udemy

### **SKILLS**

- **Programming Languages:** C++, JavaScript, HTML, CSS, Java
- **Web Technologies/Frameworks:** React.js, Node.js, Express.js, jQuery
- **Database Management:** MySQL
- **Data Structures and Algorithms (DSA)**
- **Object Oriented Programming (OOPs)**
- **Computer Networks (CN)**