Aarti Verma | MERN-Stack Developer

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PROFILE SUMMARY

Enthusiastic and detail-oriented BCA graduate with a solid foundation in software and web development. Experienced in full-stack development (MERN) and passionate about creating intuitive and responsive web applications. Seeking to leverage my skills in a dynamic IT environment to deliver cutting-edge solutions and drive innovation.

WORK EXPERIENCE

1. MERN Stack Trainer, A2IT Pvt Ltd (Mohali)   October-2022 – March-2024

- Curriculum Development: Design detailed training materials and course outlines covering MongoDB, Express.js, React.js, and Node.js.
- Instruction Delivery: Lead engaging lectures, workshops, and hands-on coding sessions to teach students how to build and deploy full-stack web applications.
- Student Mentoring: Offer personalized support to help students troubleshoot, enhance their coding skills, and achieve their career objectives.

2. ReactJS Developer, VQCodes Software solutions LLP (Mohali),   April 2024 – September 2024

- Work closely with backend developers to integrate APIs and manage data flow between the front-end and back-end using RESTful services or Graph QL. Creating responsive, user-friendly interfaces with modern Front-end & Back-end technologies
- Focus on optimizing the performance of React applications through code-splitting, lazy loading, and other best practices.
- Use Git for version control and collaborate with team members using platforms like GitHub or GitLab.
- Design reusable and modular React components, ensuring code quality, reusability, and maintainability.

3. MERN Stack Developer, DesignersX (Mohali),   October 2024 – Present

- Developed and maintained full-stack applications using the MERN stack (MongoDB, Express.js, React.js, Node.js) to build dynamic, scalable, and efficient web applications Completed a remote internship focusing on responsive design and Front-end development.
- Built RESTful APIs and integrated business logic using Node.js and Express.js, ensuring smooth interaction between the front-end and back-end.
- Worked with MySQL and MongoDB for database management, writing optimized SQL queries and designing database schemas for structured and unstructured data
- Implemented user authentication and authorization using JWT (JSON Web Tokens) and OAuth, ensuring secure login, user sessions, and role-based access control.

PROJECT EXPERIENCE

Salesforce B2B E-Commerce Project

• **Overview**: Working on a B2B system leveraging Salesforce integrated with a MERN stack (MySql, Express.js, React.js, and Node.js).

• **Frontend & Backend**: Developed a dynamic user interface in React.js and implemented scalable backend logic using Node.js with MySQL for data management.

• **SOQL for Salesforce**: Used Salesforce Object Query Language to interact with Salesforce data and enable seamless data integration and process automation.

E-Commerce Website Project

• **Overview:** Created an intuitive e-commerce platform using the MERN stack, incorporating features to support robust CRUD operations.

• **Product Management:** Built product display pages with advanced search and filtering options.

• **Authentication:** Secured user accounts with JWT for login and signup, implementing role-based access for customers and administrators.

• **Cart & Checkout:** Designed a shopping cart for adding, editing, and removing items, ensuring smooth checkout processes.

• **Order & Inventory:** Devised a backend solution for managing orders and inventory in real-time with MongoDB and Express.js.

E-Commerce Website with Next JS and Shopify

• **Overview**: Integrated Shopify API into a Next.js e-commerce platform to manage product listings and real-time inventory updates.

• **Product Display**: Developed dynamic product pages using Shopify's API, including product details, pricing, and images.

• **Cart & Checkout**: Implemented Shopify's checkout API for seamless cart management and secure payment processing.

TECHNICAL SKILLS

- Front-end – Html, CSS, Bootstrap, JavaScript and ReactJS.
- Back-end – NodeJS, Express JS, MongoDB, RESTful API, Authentication, WebSocket , Firebase
- Database – MySQL, NoSQL and SOQL

NON-TECHNICAL

- Problem Solving, Time Management
- Communication and interpersonal
- Collaboration, Punctuality

EDUCATION

BCA (Punjabi University Patiala)   2019–2022

12th (SD Model School Rajpura)   2018-2019

10th (SD Model School Rajpura)   2017-2018

ACHIVEMENTS

- 3rd in 12th class with 89%.

CERTIFICATES

- Frontend Training Certificate by A2IT Pvt ltd

INTERESTS

- Continuous Learning
- Explore new things
- Watching Movies/Series
- Working out at Gym/Home
- Playing Games

LANGUAGES

- English
- Hindi
- Punjabi

PERSONAL INFORMATON

- Gender – Female
- Address – Mohali,Punjab