

# AKHIL VERMA

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[Portfolio](#)

[Linkedin](#)

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## Summary

Innovative Front-End Developer with expertise in creating responsive, user-centric websites using HTML, CSS, JavaScript, and React. Dedicated to enhancing user experiences through clean, efficient code and modern design principles.

## Technical Skills

- **Languages:** JavaScript
- **Web Development:** CSS, SASS, DOM Manipulation, Ajax, Async js, APIs, Node.js, Mongoose, CRUD Operations, User Authentication and Authorisation, Git & Version Control, Redux
- **WebDevTools:** VSCode, Postman, Chrome DevTools, Github, Vercel
- **Frameworks:** Bootstrap, Tailwind, React.js, Express.js
- **Database:** MongoDB

## Professional Experience

### Front End Developer - Exatain Solutions | August 2023 - present

- **Confidential Project** - Developed a database and monitoring system for the Indian Government.
  - Developed and optimized form creation and data submission modules, enhancing form submission efficiency by 40% through effective API integration.
  - Implemented and refined data fetching mechanisms for edit functionality, resulting in a 25% improvement in data retrieval speed.
  - Resolved UI bugs and enhanced site responsiveness using Bootstrap, leading to a 32% increase in customer satisfaction.
- [\[ link \]](#) **Metropolitan Antiques Art Website About:** This Website is an e-commerce website. On this website, buyers can buy Fine Arts and Antiques.
  - Converted comprehensive website designs from Figma into responsive front-end code, utilizing HTML, CSS, JavaScript, and Bootstrap, resulting in a 50% improvement in website responsiveness.
  - Diagnosed and resolved UI-related issues, reducing bug reports by 15%.
  - Integrated client feedback to enhance user experience, leading to a 20% increase in user engagement.
- [\[ link \]](#) **Puzzle Nite Website:** This website provides information regarding the Puzzle Nite game application, Login functionality, Reviews for the application, and newsletters.
  - Resolved UI-related bugs and implemented client feedback, leading to a 30% increase in customer satisfaction.
  - Enhanced website content by writing key sections, contributing to a 25% increase in user engagement.
  - Improved website responsiveness and functionality using HTML, CSS, Bootstrap, WordPress, and PHP, resulting in a 20% reduction in bounce rate.

## Projects

- **E-commerce:**
  - Implemented secure user authentication and comprehensive **CRUD** operations using **Firebase Authentication** and **Firebase** services, ensuring scalable backend infrastructure and seamless account management.
  - Enhanced state management and application performance with **Redux** and **Redux Saga**, while ensuring responsive design and cross-browser compatibility using **React**, **Bootstrap**, and **Router-dom**. Maintained code with **Git** and **GitHub**. ([website](#) and [code](#))
- **Backend:**
  - Developed a robust backend using **Node.js** and **Express**, with **MongoDB** for the database and **Cloudinary** for image storage. Created models, controllers, and routes with **GET** and **POST** methods, utilizing **aggregation pipeline** for complex queries.
  - Ensured secure authentication and data handling with **JWT** (JSON Web Token), **bcrypt**, **multer**, **cors**, and **dotenv**, while managing pagination with **mongoose-aggregate-paginate**. ([code](#))
- **Movie Facts:**
  - Developed a responsive and user-friendly movie facts website resembling **IMDb** using **React** and **SCSS**, integrating **APIs** and **Axios** for accurate, up-to-date movie information and **asynchronous** loading of details.
  - Enhanced site performance with image **lazy loading**, **infinite scroll**, and **video playback** for trailers using **React Player**, while ensuring seamless navigation with **React Router** and efficient state management with **Redux**. ([website](#) and [code](#))

## Education

**Maharshi Dayanand University, Rohtak**  
Bachelor of Computer Applications (BCA)  
**Bohra Public School, Faridabad**  
C.B.S.E Class 12th

2020-2023  
CGPA - 7.2  
2020