

DEEPSHIKHA SHRIVASTAVA

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Ameerpet, Hyderabad, Telangana, 500016

PROFESSIONAL SUMMARY

"Dedicated **MERN Stack Developer** with a strong foundation in **MongoDB, Express.js, React.js, and Node.js**, aiming to leverage my expertise in building scalable, user-centric web applications. Proficient in designing and implementing RESTful APIs, optimizing database performance, and creating responsive front-end interfaces. Driven by delivering seamless user experiences and collaborating with cross-functional teams to achieve project goals. Seeking a challenging role in a versatile organization where I can contribute to innovative solutions, enhance my technical skills, and drive impactful results. Committed to staying updated with emerging technologies to ensure the delivery of cutting-edge applications."

EDUCATION

Christ College, Shaheed Mahendra Karma University, Jagdalpur , Chhattisgarh M.SC.CS. (2021) and B.C.A.(2017)

COURSES

Nov 2024 - Present

1. Full Stack Javascript Developer Bootcamp, upGrad Knowledge Hut (Online Course)
2. MERN Full Stack Developer, Quality Thought Institute, Ameerpet, Hyderabad (Offline Course)

TECHNICAL SKILLS

- **Programming Languages** : C, C++, Java, HTML5 and CSS3, JavaScript, Node.js, Python.
- **J2EE Technologies** : JDBC
- **Library and Frameworks** : React.js , Express, Axios, React Hot Toast, JSON Web Token, Postman, React Router DOM, Redux, Mongoose, Bootstrap Agile and Scrum
- **Database s/w and RDBMS** : MYSQL, SQL , PLSQL, MONGODB, and Microsoft SQL Server
- **Repository Controller(Version Control System)** : GIT (GitHub)
- **Operating System** : Windows and LINUX (with DOS and LINUX commands)
- **Integrated Development Environments** : Visual Studio and Visual Studio Code
- **Web Application for UI and UX** : Adobe Photoshop, CorelDRAW, Figma(Present)
- **AI tools** : ChatGPT, Microsoft Copilot, and Google Gemini.
- **MS-Office Suite** : Word , Excel , Powerpoint , OneNote And Access

PROFESSIONAL EXPERIENCE

Oct 2019 – Nov 2024

Computer Science Trainer at Vidya Jyoti Senior Secondary Institution, Jagdalpur , Chhattisgarh.

Responsive Photography Website

- Designed and developed a responsive photography website using **HTML5 and CSS3**, optimized for seamless viewing across desktops, tablets, and mobile devices.
- Implemented modern layout techniques including **Flexbox and media queries** to ensure adaptive design and smooth user experience.
- Showcased high-resolution image galleries with custom styling and interactive hover effects to enhance visual appeal.
- Focused on performance and accessibility, optimizing image loading and ensuring semantic HTML structure for better SEO and usability.

Converted websites into an android app

- Developed and launched the 'Prajapati Services' and 'Astra Resolutions' Android application by converting a dynamic web platform into a mobile-friendly experience using WebView and Android Studio.
- Deployed the app on the Google Play Store, ensuring full compliance with Google's publishing requirements and successful rollout to a public audience.
- Managed all Play Console configurations, including app signing, asset creation (icon, screenshots), and metadata optimization to enhance store visibility.
- Streamlined cross-device compatibility by implementing responsive design principles and testing on multiple Android environments.

PROJECTS

Chat Dude

Mar 2025 – Present

- Built a **WhatsApp-like real-time chat application** leveraging MongoDB, Express.js, React, and Node.js (MERN), with Mongoose for efficient database schema creation and queries.
- Programmed responsive React components to enhance user experience and integrated scalable RESTful APIs for facilitate seamless communication between the client and server.
- Enforced schemas and data validation with Mongoose for user authentication, contact management, and message storage, ensuring secure and structured data handling.
- Utilized Mongoose's middleware to automate data handling operations, ensuring robust performance.
- Devised innovative features like instant messaging, group chats, and message delivery status i.e. sent, delivered or read updates to enhance user engagement and experience.
- Optimized performance by monitoring and debugging database operations, ensuring low-latency message delivery.
- Mapped and executed comprehensive test suites encompassing functional, regression, and performance testing on 10+ web browsers; detected and resolved 25+ critical bugs before launch, reducing post-release incidents.

E-Commerce Platform

Feb 2025 – Present

- Systematized a full-featured custom e-commerce platform using the MongoDB, Express.js, React, Node.js. The application offers a seamless and resourceful shopping experience for users.
- Applied RESTful APIs using Node.js and Express.js for backend development to manage user authentication, product listings, order processing, and payment gateway integration.
- Utilized MongoDB database for client data storage and retrieval. Integrated data models for products of users with Mongoose.
- Created a responsive and user-friendly interface using React.js frontend development library. Adopted reusable components for product listings, shopping cart, checkout process, and user progress.
- Built secure user authentication and authorization using JWT to ensure only authenticated users can access certain features.

Household Expenses Management System

Feb 2017 – Jan 2021

- Produced a robust expense and income tracking system to empower users in managing their financial activities effectively.
- User-friendly interface using Visual Basic to ensure seamless navigation and accessibility. Integrated MySQL database for secure and efficient storage of financial data, enabling quick retrieval and updates.
- Generated functionalities for categorizing expenses and income, offering detailed reports and summaries for better financial planning. Augmented database queries to enhance system performance and reduce response time.
- Automated calculations for monthly budgets, savings, and expense limits, helping users make informed decisions. Collaborated with stakeholders to gather requirements and ensure the system met user expectations.
- Inspected and debugged the application to ensure reliability and accuracy in financial data processing.

Property Dealer Management System

Jun 2014 – Nov 2017

- Innovated a comprehensive system to streamline property management and bridge the gap between customers and property sellers.
- The system enables users to access detailed information about housing, land, and flats available for rent or sale, eliminating the need for physical visits to multiple locations.
- Executed a user-friendly interface using Visual Basic to ensure intuitive navigation and accessibility for users. Configured a robust MySQL database and manage property records, details like location, rates, and availability.
- Automated the process of searching and filtering properties based on user preferences, saving time and effort. Integrated functionalities to categorize properties by type, location, and price, enabling quick and accurate searches.
- Optimized database queries to enhance system performance and reduce response time for property searches. Facilitated seamless communication between customers and property sellers by providing contact details and descriptions.
- Verified and debugged the application to ensure reliability and smooth operation.

"I hereby declare that the above information is true to the best of my knowledge."

Deepshikha

Date:.....2025

Place: Hyderabad