DEEPSHIKHA SHRIVASTAVA

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Ameerpet, Hyderabad, Telangana, 500016

"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, Agile and Scrum

- Database s/w and RDBMS   : MYSQL, MONGODB and Microsoft SQL Server

- Repository Controller(Version Control System) : GIT (GitHub)

- Operating System   : Windows and LINUX

- Integrated Development Environments : Visual Studio and Visual Studio Code

- Web Application for UI and UX   : Figma(Present)

- AI tools   : ChatGPT, Microsoft Copilot, and Google Gemini.

PROFESSIONAL EXPERIENCE   Oct 2019 – Nov 2024

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

➢ *Quiz Application Project using Python*
- Developed a terminal-based quiz application using core Python concepts such as lists, dictionaries, loops, and conditionals.
- Implemented user input handling and answer validation. Tracked and updated the user's score based on correct answers.
- Provided instant feedback for correct and incorrect answers. Displayed the final score and feedback after quiz completion.
- Tested the application with various inputs to ensure accuracy and documented with comments for better understanding.
➢ Worked on LINUX Operating System and its commands , Adobe Photoshop, CorelDRAW, MS-Office Suite (Word, Excel, PowerPoint, OneNote and Access), DOS Commands etc.

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 MERN stack (MongoDB, Express.js, React, Node.js). The application offers a seamless and resourceful shopping experience for users.

- **Crafted** and 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.

- Launched a 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.

SOFT SKILLS
 Creativity, Attention to detail, Honesty, Curiosity , Resilience and Communication Languages are English and Hindi.

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

Deepshikha
Date:…………2025
Place: Hyderabad