

DEEPANSHI RANA

MERN-Stack Developer

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SUMMARY:

Highly motivated Computer Science graduating Student with a passion for technology and a focus on honing programming skills. Proficient in C++,Front-end as well as Back-end development,Java and Python with hands-on experience in various coding projects during academic tenure. A fast learner with a strong analytical mindset, eager to contribute innovative ideas and collaborate in any environment. Strong team player and effective communicator and ready to take on new challenges.

SKILLS:

- ✓ SUBJECTS: Data Structures, Algorithms, OOPS, OS, DBMS, CNS.
- ✓ Programming Languages: C, C++,Python,JAVA, HTML, CSS, Javascript,SQL, PHP.
- ✓ Libraries: Numpy,Pandas, Matplotlib, ReactJS, NodeJS, ExpressJS, MaterialUI.
- ✓ Tools: VS Code, Ubuntu, Netbeans, Microsoft SQL ServerManagement Studio, MySQL Workbench.
- ✓ Databases: MySQL, MongoDB.

ACADEMIC PROJECTS:

BLOG-APPLICATION (MERN- Stack)

(React,MaterialUI,NodeJS,ExpressJS,MongoDB,Context APIs)

- Implemented a secure user authentication system allowing users to register, login, and logout of the application.
- Developed a feature-rich blog editor that enables users to compose, edit or publish captivating blog posts with ease.Blog can be category specific.
- Created an interactive comment system, enabling users to engage in discussions and provide feedback on blog posts.If User wants they can delete the comment posted by them.
- Implemented a functionality to help users find specific blog posts based on categories mentioned.
- Ensured a seamless user experience across various devices and screen sizes through responsive design practices.

CHITCHAT WEB APPLICATION (MERN- Stack)

(React,MaterialUI,NodeJS,ExpressJS,MongoDB,Context APIs,socket.io)

- Users can send and receive real-time messages instantly, creating a dynamic chat experience similar to WhatsApp.
- The application enables users to share images and files, enhancing communication capabilities.
- A secure user authentication system ensures that only registered users have access to the chat functionality.
- Users' online and offline status is displayed, indicating whether they are actively connected to the application.
- Conversations are organized in a user-friendly chat interface, facilitating easy navigation and communication.

GIGHUB (Front-end)

(React,SCSS,HTML,Javascript,Axios,SliderJS)

- Users can register and log in to the platform using their credentials.
- Users can explore a vast array of gigs offered by sellers and search for specific services using search filters and categories.They can view detailed gig information, including gig description, pricing, seller reviews, and ratings.
- Users can access seller profiles to learn more about their expertise, ratings, and past work.
- Registered users have access to dashboard where they can view their purchase history, and ongoing orders.

EXPERIENCE:

Industrial Training | WE Excel Software Pvt. Ltd.

Chandigarh (Jul'22-Aug'22)

- Learned the basics of JAVA and SQL and its application through a single user based desktop application project.
- Technologies used - JAVA, MySQL, IDE- Netbeans.

Machine Learning Intern | DIC,UIET

Chandigarh (Jul'21-Aug'21)

- Compared the performance of various machine learning regression models for breast cancer dataset.
- Technologies used - Python, Numpy, Pandas, Google Colab.

EDUCATION:

University Institute of Engineering and Technology, Panjab University

(Oct'20 - Present)

B.E. Computer Science and Engineering | (CGPA - 8.95)

XII(CBSE) | S.B.S Sr Sec School, Karnal Non - Medical | (94.2%)

(Apr'19 - Mar'20)

X(CBSE) | S.B.S Sr Sec School, Karnal (97.2%)

(Apr'17 - Mar'28)

POSITION OF RESPONSIBILITY:

Member | Magboard UIET

(Dec'20 - Apr'22)

Member | Autonomy UIET

(Mar'21 - Mar'22)

Member | Psych Club, UIET

(Dec'20 - Dec'21)

ACHIEVEMENTS:

- First Prize in Painting Contest held at ICAR-Central Soil Salinity Research Institute,Karnal, India in celebration of FAO'S International Year of Soils.
- 450+ Questions on GeeksForGeeks.

INTERESTS:

- Painting
- Dance