

Deepika Bajaj

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SUMMARY

Software Engineer with 1+ year of experience in full-stack web development, specializing in React.js, Node.js, and Javascript. Skilled in building scalable, real-time web applications and optimizing system performance. Committed to delivering clean, maintainable code and thriving in agile, collaborative environments, while adhering to coding standards and performing thorough code reviews.

EXPERIENCE

Software Engineer

Jan 2024 - Feb 2025

Newgen Software

Noida, Delhi

- Developed custom functionalities and forms for Newgen products (IBPS, BRMS) using Java and JavaScript, improving system usability by 25%, and ensuring cross-browser compatibility for a frictionless experience.
- Designed and built 20+ reusable React components, improving code efficiency and maintainability by 30%, while enhancing the user interface.
- Collaborated with 5 engineers to design features based on project needs and wrote SQL queries and multiple APIs to manipulate data for finance and banking solutions.

EDUCATION

Bhagwan Parshuram Institute Of Technology, GGSIPU

CGPA: 9.29/10

Bachelor of Technology, Information Technology

July 2020 - July 2024

Vidya Bharti School

Science (C.B.S.E)

10th-93.8%, 12th- 90%

April 2018 - April 2020

PROJECTS

Streamify | Typescript, React-JS, Youtube Data API, Tailwind CSS, Firebase

March 2025 – March 2025

Deployed Link: streamify-deepika.web.app | Github Link: github.com/Streamify

- Built a video streaming platform using TypeScript and Tailwind CSS, enhancing the user experience by 30% with a user-friendly interface for watching and searching videos.
- Implemented an infinite scroll feature for continuous loading of videos, optimizing performance by 90% and user engagement, and utilized Redux Toolkit and the YouTube Data API for efficient data management and video.

Socialbuddies | React.Js, Node.Js, Express.Js, MongoDB, Firebase, Socket.io, Redux

March 2023 - April 2023

Deployed Link: SocialBuddies.web.app | Github Link: github.com/SocialBuddies

- Built a MERN-based social media platform with real-time chat, handling multiple users with OTP-authentication and robust session handling. Included comprehensive debugging across client and server side to ensure stability.
- Integrated Firebase storage and secure account creation/deletion workflows, reducing login issues by 90%. Applied strong programming techniques and systematic debugging to enhance system functions.
- Built scalable post, like, comment, and follow features with UI components, increasing engagement by 35%.
- Utilized Socket.io for real-time messaging, enabling communication with less than 200ms latency across sessions.

TECHNICAL SKILLS

Languages: Java, JavaScript, C++

Frontend: React.js, Redux, HTML, CSS, MUI, Tailwind

Backend: Node.js, Express.js, Firebase

Databases: MongoDB, SQL, MySQL, NOSQL, RDBMS

Other Skills: Data Structures, Algorithms, REST APIs, Git, Confluence, Computer Science fundamentals

ADDITIONAL LINKS

Github: github.com/deepikabajaj31 | Leetcode: leetcode.com/deepikabajaj31 | SQL (Udemy Certificate): udemy.com/sql

React (Udemy Certificate – The Complete Guide 2025 incl. Next.js, Redux): udemy.com/react-certificate

Java (Udemy Certificate – Java, OOP, Collections, Spring basics): udemy.com/java-certificate