

# Deepika Bajaj

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## SUMMARY

Software Engineer with 1+ year of experience in full-stack development using React.js, Node.js, and Java. Skilled in building scalable web applications and REST APIs with a focus on performance and user experience. Proficient in frontend technologies, backend development, database management (MongoDB, SQL), and Firebase. Strong in problem-solving, debugging, and writing maintainable code in agile environments.

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, TypeScript, C++

**Frontend:** React.js, Redux Toolkit, HTML5, CSS3, Tailwind CSS, Material UI (MUI)

**Backend:** Node.js, Express.js, Firebase, REST API, WebSocket, Socket.io

**Databases:** MongoDB, SQL, MySQL, NoSQL, RDBMS

**Concepts:** Data Structures, Algorithms, OOP, MVC Architecture, Agile Methodology, Git, GitHub, Jira, Confluence

## EXPERIENCE

### Software Engineer

Jan 2024 - Feb 2025

*Newgen Software*

*Noida, Delhi*

- Developed and deployed custom modules for Newgen platforms (IBPS, BRMS) using Java, JavaScript, and SQL, enhancing product usability by 25%.
- Designed 20+ reusable React.js components with Redux state management, improving frontend code maintainability by 30%.
- Built and optimized REST APIs and SQL queries for finance and banking systems, supporting over 10,000 users.
- Collaborated in Agile sprints with a team of 5 engineers, participating in code reviews, design discussions, and sprint planning meetings.

## PROJECTS

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

March 2025 – March 2025

Deployed Link: [streamify-deepika.web.app](https://streamify-deepika.web.app) | Github Link: [github.com/Streamify](https://github.com/Streamify)

- Engineered a scalable video streaming platform using React.js, TypeScript, Redux, and YouTube Data API, integrating Firebase Authentication for secure user management and Hosting for continuous deployment.
- Implemented infinite scrolling with virtualized rendering, achieving a 90% performance optimization and a 30% increase in user session time through efficient frontend and backend coordination..

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

March 2023 - April 2023

Deployed Link: [SocialBuddies.web.app](https://SocialBuddies.web.app) | Github Link: [github.com/SocialBuddies](https://github.com/SocialBuddies)

- Developed a MERN-based social media platform with real-time chat using Socket.io, OTP-based authentication, robust session handling, and comprehensive client-server debugging to ensure high system stability.
- Optimized API response times less than 200ms and integrated Firebase storage and secure account creation/deletion workflows, reducing login issues by 90% through systematic debugging and strong coding practices.
- Built scalable social modules including post, like, comment, and follow features with reusable UI components, leading to a 35% boost in user engagement.

## EDUCATION

**Bhagwan Parshuram Institute Of Technology, GGSIPU**

CGPA: 9.29/10

*Bachelor of Technology, Information Technology*

*July 2020 - July 2024*

**Vidya Bharti School**

10th-93.8%, 12th- 90%

*Science (C.B.S.E)*

*April 2018 - April 2020*

## ADDITIONAL LINKS AND CERTIFICATIONS

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

React (Udemy Certificate): [udemy.com/react-certificate](https://www.udemy.com/react-certificate) | Java (Udemy Certificate): [udemy.com/java-certificate](https://www.udemy.com/java-certificate)