

Jashanpreet Singh

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PROFILE

Graduated with a degree in Computer Science with hands-on experience in building responsive web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js). Proficient in developing both front-end and back-end components. Solving complex problems, and continuously learning new technologies. Strong foundation in Full Stack Developer and modern frameworks such as Tailwind CSS, with a passion for creating scalable and efficient solutions.

SKILLS SUMMARY

- **Programming Skills:** Java, JavaScript, SQL,
- **Frameworks:** Node.js, React.js, Express.js
- **Tools :** MongoDB, Mongoose, AWS, MVC, Project Management, Rest APIs, Postman, Sockets.
- **Hard Skills:** Front-end Designing, Backend, Web-Design, Developing APIs, Web Architecture.
- **Soft Skills:** Report Building, People Management, Problem Solving Skills, Leadership.

EDUCATION

- **Bachelor of Science(Computer Science)** Chandigarh University (July 17 - September 20)

PROJECTS

Expense Tracker : [Link](#) (November 23 - March 24)

- Developed a comprehensive expense tracker application that allows users to track their daily expenses and manage their finances efficiently.
- Built a RESTful API using Node.js and Express.js for handling user authentication, expense data, and premium membership features.
- Integrating Razorpay streamlined the payment process, enhancing user experience and increasing premium account conversions.
- Download feature implemented with AWS S3 integration.
- Reduced API response time by 10% through efficient query optimization and server-side caching.

Group chat application : [Link](#) (May 24 - May 24)

- Developed a web application using Node.js, improving user engagement by 15%.
- Deployed the application on AWS ensuring accessibility and scalability.
- Implemented WebSocket for real-time messaging, including features like message timestamps.
- Enabled real-time communication with minimal latency, enhancing user engagement.
- Tech html, css, javascript, node.js, express.js, mysql and sequelize.

Edtech Web Application : [Link](#) (May 24 - July 24)

- REST API integration that streamlined content delivery for online courses, reducing loading times by 40% and enhancing user experience, leading to an increase in course enrollments by 50%.
- I ensured the security of confidential information by using environment variables for storing sensitive data like passwords and managed access through version control practices to ensure the team only had access to necessary environment variable files.
- Different dashboard for user and instructor.
- Tech react.js, tailwind css, node.js, express.js, javascript, mongoDB and mongoDB Cluster.

Tic-Tac-Toe web game: [Link](#) (May 24 - June 24)

- A simple game build with the react.js and tailwind css.

CERTIFICATES

- Secured Problem Solving (Basic) Certificate by **HackerRank**: [Link](#) (April - 2024)
- Java (Basic) Certificate By **HackerRank**: [Link](#) (May - 2024)
- Completion Of Data Structures And Algorithms By **CODEHELP**: [Link](#) (May - 2024)
- Completion Of Web Development Bootcamp Certificate by **CODEHELP**: [Link](#) (June - 2024)