

# TUSHAR DESHMUKH

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## SUMMARY

- Motivated software developer with 2.9 years of overall experience, including 2.6 years of expertise in the Node.js ecosystem. Skilled in delivering high-quality solutions, meeting deadlines, and managing workloads efficiently. Strong understanding of modern web technologies, frameworks, and best practices.
- Contributed to 8+ successful projects across various domains.
- Proficient in designing and implementing scalable, high-performance applications, optimizing algorithms to reduce processing time by 30%, and collaborating with cross-functional teams to deliver projects ahead of deadlines.
- Committed to continuous professional growth, having mentored 12+ junior developers.

## WORK EXPERIENCE

**Agnito Technologies Pvt. Ltd., Bhopal, Madhya Pradesh: Software Developer** October 2022 – Current

- Led the development of server-side logic using Node.js for web applications, collaborating effectively in both independent and team environments to deliver robust solutions.
- Conducted code reviews to maintain high standards, optimize performance, and ensure adherence to best practices.

**Hiremi Technologies Pvt. Ltd., Bhopal, Madhya Pradesh: Frontend Developer** June 2022 – October 2022

- Established and improved user interfaces using modern frontend technologies such as HTML, CSS, JavaScript, and React. Ensured seamless user experiences through careful design and adherence to user-centric principles.
- My focus on accessibility and inclusivity ensures that our applications are usable by all individuals, meeting the latest web standards. With a strong background in both new feature development and maintenance of existing systems, I continuously strive to deliver robust and user-centric digital experiences.

## PROJECTS

### Real Time Chat Application [Link](#)

Develop a real-time chat application with a modern and responsive frontend, secure user authentication, real-time communication using WebSockets, and a scalable backend with database storage.

- Crafted a feature-rich chat application with video call, image sharing, and group chat capabilities, enhancing user experience.
- Expertly orchestrated end-to-end encryption protocols, guaranteeing impenetrable communication channels and fortifying the safeguarding of sensitive data.

### Lottery Management [Link](#)

Developed a comprehensive lottery management system that efficient ticket tracking, random number generation, and prize distribution.

- Architected and implemented an advanced automated prize distribution system, reducing manual errors by 60% and saving 15 hours per week in the e-commerce sector.
- Designed and executed a scalable and secure architecture, leveraging cutting-edge technologies including React.js, Node.js, MySQL, and AWS, to ensure optimal performance and robustness.
- Integrated scratch card functionality, allowing users to purchase scratch cards and match three numbers to win prizes. Utilized cron-jobs to automate periodic checks and updates for active scratch card campaigns.

### e-sports Management [Link](#)

The Backroom platform is thrilled to offer up-and-coming esports players and streamers the extraordinary opportunity to host their own events and tournaments.

- Leveraged Sequelize database migrations and seeders to maintain database schema consistency and populate initial data, ensuring smooth deployment and scalability of the application.
- Constructed and fulfil RESTful APIs for creating, updating, and tracking Events data, enabling seamless integration with frontend applications.

- Build and deployed a robust support chat system, integrating real-time messaging functionality that reduced average response time by 30% and increased customer satisfaction ratings by 20%. This system facilitated seamless communication between over 1,000 users and support agents, resulting in an enhanced customer service experience

### News Website [Link](#)

Spearheaded the development of an engaging news website, facilitating timely news updates and user interactions.

- Designed and implemented a variety of features, including user registration, article submission, comment sections, real-time news updates, and advanced search functionalities.
- Utilized Node.js and Express for backend development, React.js for the user interface, and MySQL for database management.

### Kuber Wins [Link](#)

A lottery-based platform where users purchase tickets, participate in draws, and win prizes based on ticket numbers.

- Users can buy tickets for lottery draws.
- Winning ticket numbers are announced after each draw.
- Prizes are awarded based on the matched ticket numbers.

## TECHNICAL SKILLS

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**Language/Script:** JavaScript.

**Frontend Technology:** HTML, CSS, Bootstrap, JavaScript, TypeScript, Familiar With React.js.

**Backend Technology:** Node.js, Express.js, GraphQL.

**DataBase:** MongoDB, PostgreSQL, MySQL.

**Framework:** : Sequelize ORM, Express JS.

**Testing Tools:** Postman, Insomnia.

**Bug Tracking Tools:** JIRA, Trello.

**Version Control:** GitHub, GitLab.

**Developer Tools:** VsCode, FileZilla, Ubuntu,.

## EDUCATION

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### B.Tech, Computer Science Engineering

Graduating May 2023

8.22 CGPA

NRI Institute Of Information Science and Technology Bhopal Madhya Pradesh

Relevant coursework: Core courses in programming, Algorithms, Data Structures, Databases, Operating Systems, and Computer Networks.

### M.Tech, Computer Science Engineering

Graduating May 2026

1st year

Oriental College of Technology Bhopal Madhya Pradesh

Relevant coursework: Advanced Computer Architecture, Object Oriented Technology, and Software Engineering.