

# Harsh Tiwari

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## EDUCATION

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### Guru Gobind Singh Indraprastha University

Bachelor of Technology (IT) - 8.7GPA

2022 - Present

### Dev Samaj Modern School

Senior Secendory - 87%

2021 - 2022

## SKILLS

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- **Programming Languages:** C++, Java, Python, JavaScript, HTML5, CSS3
- **Frameworks & Libraries:** React.js, Express.js, Node.js, Bootstrap, MaterialUI, Tailwind
- **Databases:** PostgreSQL, MongoDB, MySQL
- **Version Control & Collaboration:** Git, GitHub
- **Other:** Object-Oriented Programming (OOP), SDLC, Data Structures, Algorithms, Problem Solving, Restful APIs, JWT Authentication

## PROJECTS

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### Mindy - AI Chat Bot [🔗](#)

- Developed an **AI-powered chatbot** with a **modern, user-friendly UI** using **React, TypeScript, and Material-UI**.
- Integrated **Google Gemini API** to generate intelligent responses and detect code snippets for proper formatting.
- Built a **secure authentication system** with **JWT tokens**, enabling seamless login sessions for up to **7 days**.
- Enabled **automatic chat history retrieval** from **MongoDB Cloud**, ensuring conversations persist across sessions.
- Designed and optimized **RESTful APIs** for smooth communication between the frontend and backend.

### Online Quiz Application: [🔗](#)

- Developed an **online quiz application** enabling multiple users to create, share, and participate in quizzes seamlessly.
- Built the frontend with **React.js** and **HTML/CSS**, ensuring a responsive and interactive user interface.
- Implemented a secure backend using **Node.js, Express.js**, and **JWT authentication** for user login and data protection.
- Integrated cloud services for quiz storage and sharing, supporting real-time collaboration among users.
- Focused on scalability and performance to handle a growing number of users effectively.

### Expense tracker:

- Built a web application for students to track daily income and expenses in rupees.
- Implemented real-time wallet balance updates and transaction management.
- Added category-based tracking for better expense organization.
- Integrated JWT authentication for secure user login.
- Used PostgreSQL to efficiently store and manage transactions.
- Designed a responsive UI with React.js for a seamless experience.

## CERTIFICATE

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### The Complete Full-Stack Web Development Bootcamp:

- Completed **The Complete Full-Stack Web Development Bootcamp**, gaining hands-on expertise in the **MERN stack**.
- Acquired skills in building and deploying responsive web applications, RESTful APIs, and managing databases.
- Gained practical experience in front-end and back-end development, authentication, state management, and cloud deployment.
- Developed multiple full-stack projects, showcasing proficiency in modern web technologies and best practices.

### Summer Training Program By IBM :

- Completed a **90-hour Summer Training Program in Full-Stack Development** by **IBM** (Certification Reference No.: **AIP20242190**).
- Gained hands-on experience in building web applications with modern full-stack technologies.
- Developed skills in front-end, back-end, database management, API integration, and deployment.
- Worked on real-world projects, enhancing problem-solving abilities and teamwork.