

Priyanshu Sharma

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Education

Bennett University

Sept 2021 - Aug 2025

B. Tech in Computer Science

- CGPA: 7.25
- **Coursework:** Operating Systems, Data Structures, Computer Programming, Machine Learning, Security

Experience

MERN Stack Developer Intern

Remote

Digital World Universe Tech Pvt Ltd

Aug 2024 - Nov 2024

- Developed and optimized web applications using MERN and Next.js, improving page load speed by 30% through server-side rendering.
- Collaborated on the design and implementation of 10+ RESTful APIs with Express.js and Node.js, integrating MongoDB for data management.
- Boosted team productivity by 40% through improved communication and problem-solving during feature development, bug fixes, and code reviews.

Projects

Sketch&Solve [Repo](#) [TrySketch&Solve](#)

Nov 2024

- Built an interactive web app inspired by Apple's iOS 18 Math Notes, enabling users to draw equations or sketches on a canvas to analyze and assess them using the GEMINI API.
- Utilized the HTML Canvas component to capture drawings, which are then sent to a custom FastAPI backend. Through prompt engineering, the backend interprets these images and generates responses that are displayed on-screen with MathJax for clear and accurate rendering.
- Tech stack: React, TypeScript, Python, LaTeX (MathJax), TailwindCSS, FastAPI, GEMINI API, GenAi

SafeSurf [Repo](#) [TrySafeSurf](#)

Sept 2024

- Created a Chrome extension that detects vulnerabilities and anomalies in URLs, safeguarding users from phishing attacks using a machine learning model trained on a Kaggle dataset.
- Developed a Flask backend processing URL requests in real-time, improving anomaly detection rates by 75%.
- Tech stack: Flask, Python, Scikit-Learn, JavaScript, Machine Learning

Chatrr [Repo](#) [TryChatrr](#)

Jun 2024 - Aug 2024

- A responsive real-time chat application enabling instant messaging between 2 accounts with secure user authentication. The app can have 100+ users.
- Implemented JSON Web Tokens (JWT) for secure login and Socket.io for real-time and bidirectional communication between clients and servers.
- Tech stack: Javascript, Nodejs, React, MongoDB, Socket.io, JWT, DaisyUI, Postman

RoomWise [Repo](#) [TryRoomWise](#)

Nov 2023

- Created a robust room booking management system for hotels, allowing users to book, cancel, and edit their bookings seamlessly while also providing an overview of all their reservations.
- Tech stack: Node.js, React.js, MongoDB, RESTful API, Design & Development

Skills

Languages: Java(2+ yrs), Python(3 yrs), Javascript/Typescript(1+ yrs), SQL(2 yrs), HTML/CSS

Technical: Node.js(1+ yr), React.js(1+ yr), MongoDB(1+ yr), FastAPI, MySQL, Scikit-Learn, Machine Learning(1.5+ yr), Tailwind, Flask, Nextjs, GenAi, MathJax, Prompt Engineering

Soft Skills: Problem Solving, Collaborative, Versatility, Adaptability, Critical Thinking

Certification

Database Structures and Management with MySQL

Mar 2024

Meta