

# PARSHU RAM SHARMA

Full-Stack Developer | AI/ML Enthusiast

New Delhi, India

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Portfolio: <https://parshu-ram-git-main-parshu-ram-sharmas-projects.vercel.app/>

Motivated full-stack developer with hands-on experience in React, Node.js, FastAPI, and AI/ML integration. Proficient in building intelligent, scalable applications with a strong foundation in backend logic, REST API development, and deployment. Skilled in modern stacks including Gemini AI, OpenAI API, Scikit-learn, and DevOps tools like Docker and Vercel.

## TECHNICAL EXPERIENCE

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### AI Mock Test Platform | *Personal Project* | May 2025 – June 2025

- Built an adaptive mock test system using Next.js, Gemini AI, and Neon with real-time feedback.
- Integrated REST APIs and Drizzle ORM to manage evaluation logic and scoring dynamically.

### TriviaScape – AI Content Engine | *Team Project* | Sep 2024 – May 2025

- Developed a backend using FastAPI and Neo4j to convert educational articles into trivia and case studies using NLP.
- Contributed to article scraping, content processing, and API deployment.

### Portfolio Website with Chatbot | *Solo Project* | Feb 2024 – Mar 2024

- Designed a sleek personal portfolio with advanced UI/UX, animations, and integrated AI chatbot to handle queries.
- Tech stack: Next.js, Tailwind CSS, TypeScript, and GEMINI AI API for chatbot.
- Deployed on Vercel with dynamic project and contact sections.

### Plan-with-Love – Travel Recommender | *Frontend Project* | Jul 2023 – Aug 2023

- Built a tourist recommendation web app using React.js with responsive card-based layouts and filtering logic.

### Interactive Teaching of Lab Experiment Using Virtual Reality | *Published Research Project* | Aug 2022 – Sep 2024

- Designed 3D physics simulations in Blender and configured AR/VR hardware for immersive experiments.
- Co-led a team of 3 in research and development, resulting in 30% improvement in student engagement.
- It published in *Transforming Libraries and Education 5.0*, ISBN: 978-81-979937-0-1.

### Credit Card Fraud Detection | *Group ML Project* | Mar 2024 – Apr 2024

- Built fraud detection models using Logistic Regression and Decision Tree with Scikit-learn.
- Handled data preprocessing, feature engineering, and accuracy tuning.

### Web Development Intern | *Technohacks* | Sep 2023 – Oct 2023

- Built responsive UI components using HTML, CSS, and JavaScript.
- Collaborated in Agile sprints and implemented mobile-first design principles.

## EDUCATION

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**Guru Gobind Singh Indraprastha University**  
New Delhi

*B. Tech in Information Technology (CGPA: 9.02)*

## SKILLS

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- **Languages:** Python, C++, JavaScript, TypeScript, Java
- **Web & Frameworks:** React.js, Next.js, Node.js, Express.js, FastAPI, Tailwind CSS, Material UI
- **Databases:** MongoDB, PostgreSQL, MySQL, Neo4j
- **AI/ML:** OpenAI API, Gemini AI, Scikit-learn
- **DevOps & Tools:** Git, Docker, Vercel, Postman, Drizzle ORM, Neon, Azure
- **Concepts:** REST APIs, SDLC, Agile, DSA, OOPs, DBMS, OS

## **CERTIFICATIONS**

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- Web Scraping with Beautiful Soup – Simplilearn (Aug 2023)
- MERN Stack Bootcamp – Code with Harry (Jun 2023–Feb 2024)
- Coca-Cola Disrupt Season 3 – Online Assessment
- HackOn with Amazon – Coding Round
- Tata Imagination Challenge – Brand Assessment

## **ROLES & MEMBERSHIPS**

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- Member – Google Developer Student Clubs (GDSC)
- Student Editorial Board Member – Research Chronicles (Inaugural Edition)