Pratyush Jha

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A self-driven and meticulous individual. Pursuing Bachelors in Mathematics & Computer Science. Skilled in Software Development, Full Stack Development, Game Development, Data Analysis and Problem Solving. Proficient in speaking English, Hindi and Maithili. Seeking opportunities in the field of Technology, Computer Science and Mathematics.

Education/Academic Background

Schooling   2023 Pass out with 80%
Subjects – Physics, Mathematics, Computer Science, Chemistry, English, Physical Education
Manava Bharati India International School

BSc in Mathematics Major & Computer Science Minor   2023 – 2027
University of Delhi

Experience

Web Development Team Lead, Techwhiz – IT Society of PGDAV College (DU)   09/2024 – Present

- Led a team of front-end and back-end developers to build dynamic college fest portals and society projects.
- Managing deployments, version control, and design consistency across React + Node.js projects.

Unity Game Developer, Bamigos.com   06/2024 – 08/2024
Developed and optimized 2D/3D games using Unity and C#. Worked with Arduino integration for game mechanics and simulations with hardware.

Skills

Languages: Python, C#, JavaScript, C++, Java
Backend: Node.js, Express.js, MongoDB, Django, PostgreSQL, REST APIs, MySQL, Web Scrapping (Playwright), Socket.io
Frontend: React.js, React-Native, HTML5, CSS3, JavaScript, Tailwind, Bootstrap, JQuery
Game Development: Unity Engine (2D & 3D), C#, Game Mechanics, Game design
Python Development: Django, Numpy, Pandas, Matplotlib and GUI applications for windows (tkinter)
Android/IOS Development: React Native
Tools & Others: Git/GitHub, Postman, Adobe Photoshop, Premiere Pro, Audacity, Arduino
Deployment: Render, Netlify, Vercel
Soft Skills: Team Leadership, Communication, Time Management, Problem Solving

Projects

- **Zombie Runner** – An **FPS Zombie Shooter game** for players who like horror and action. Made using **Unity Engine** and **C#**.
- **Maha-Nanda Healthcare** – A static, responsive website for a dental clinic built using **React.js**. Optimized for performance and SEO.
  URL – https://mahaananda-healthcare.netlify.app/
- **Ecommerce App** – A full-stack ecommerce platform made using **MERN Stack**, featuring user/admin authentication, product & category management, Order Management, Stripe payment gateway integration, and dynamic routing. Separate deployments for frontend and backend.
  URL – https://mern-ecommerce-front-end.onrender.com
- **Chatting App** – A full stack chatting application (similar to WhatsApp) made using **React-Native**, Express, Socket.io & MongoDB. The application features user authentication, friend requests, and real time chatting.

Achievements

- 3rd Position in Web Bugs – Web Development Competition organized by Keshav Mahavidyalaya (DU), 21st March 2024
- 2nd Position in game development hackathon organized Jesus & Mary College (DU), 10th February 2025