

Karan Kumar

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EDUCATION

- ❖ Bachelor of Science in Data Science and Applications | Indian Institute of Technology Madras (IITM) *GPA: 8.0 / 10 | (2023 – 2027)*
- ❖ XII | J. College Score: 80% | Xth | M.I.P.S | 93%
- ❖ JEE Main | Status: Qualified | Percentile: 88

PROJECTS

❖ [WanderLust](#) — Full-Stack Travel Listing Platform

Technologies: Node.js, Express.js, MongoDB Atlas, EJS, Cloudinary, Multer, Render

An end-to-end full-stack web application for listing, managing, and exploring travel properties.

- Travel listing platform enabling users to securely create, browse, update, and manage property listings. The application supports searchable, category-based listings with image-rich content and a responsive interface, while addressing real-world deployment and environment configuration challenges.

❖ [QuizForge](#) — Role-Based Quiz & Analytics Platform

Technologies: Python, Flask, SQLAlchemy, Jinja2, Chart.js, Docker, Gunicorn .

- A role-based quiz and analytics platform enabling students to attempt quizzes and track performance, while allowing admins to manage quizzes and gain insights through interactive dashboards.

WORK EXPERIENCE

Product Designer | Cosmic Sole (IITM Startup)

(Jan 2025)

- Collaborated with cross-functional teams to deliver data-driven UI/UX solutions, optimizing onboarding flows and improving engagement.

SKILLS

Programming Languages: *C++, Java, Python, JavaScript* Web & Frameworks: *MERN Stack, Flask, Vue.js* Databases: *SQL, MongoDB* Tools: *Git, GitHub* Machine Learning: *ML in Python*

POR

Secretary — Space Club (Nebula Pioneers), IIT Madras Led planning and coordination of technical and space-science related initiatives.Managed team operations and event execution