Aman Raj

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Summary

User-focused designer pursuing a Master's in Design at IIT Roorkee, with a background in architecture and frontend development. Combines spatial thinking, user research, and prototyping to create intuitive digital experiences, bridging design and development to ensure technical feasibility and smooth handoffs.

Education

Indian Institute of Technology Roorkee   Jul 2024 – Present
M.Des. · Design · Roorkee   CGPA – 8.37/10

Birla Institute of Technology Mesra   Aug 2014 – May 2019
B.Arch. · Architecture · Ranchi   GPA – 7.47/10

Experience

Design Innovation Center, IIT Roorkee   Oct 2025 – Nov 2025
· Research Intern   Roorkee, India
- Conducted a research project on 'VR-Based Analysis of Billboard Visibility Across Urban Mobility Modes' under **Dr. Saptarshi Kolay**.
- Designed immersive VR scenarios and evaluation criteria to assess readability, visibility duration, and visual discomfort, translating user responses into comparative design insights.

Sheshya   Jun 2025 – Sep 2025
· UX Design Intern   Remote
- Created low-fidelity wireframes and high-fidelity UI screens for selected app/web flows using Figma.
- Translated design mockups into basic frontend components using **HTML**, **CSS**, and **JavaScript / React**

IIT Roorkee   Jul 2024 – Present
· Teaching Assistant   Roorkee, India
- Teaching assistant on course – User Experience Design (DEC-513)
- Coordinated and managed two NPTEL courses (*Visual Communication Design for Digital Media* and *Contemporary Architecture and Design*), handling content delivery, student queries, and progress tracking.

Self-Employed Architect   Jun 2019 – Jun 2024
Architect · Full-time   Muzaffarpur, India
- Led the end-to-end design of residential and commercial spaces, translating client needs into functional and aesthetic design solutions.
- Developed multiple design iterations based on client feedback, embodying principles of iterative design and agile workflows.

Kapoor and Associates   Jan 2019 – Apr 2019
Intern Architect · Internship   Patna, India
- Applied user-centric principles to spatial layouts, emphasizing intuitive navigation and accessibility.
- Developed client-specific design solutions by gathering requirements, analyzing user needs, and translating them into visual and functional outcomes.

Certifications

Google UX Design   Aug 2025 –

Meta Front-End Developer   Dec 2025 –

Skills

UI Design, Wireframing, Prototyping, Figma, HTML, CSS, JavaScript, React