

## NEERAJ KHATRI

- Senior Structural Engineer | Systems & Product Thinking | Applied AI & Automation India
- GitHub: <https://github.com/neerajkhatri-io>
- Portfolio: <https://neerajkhatri-io.github.io>
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## PROFILE

Senior Structural Engineer with 11+ years of experience solving complex, constraint-heavy problems in large engineering environments. Known for applying product thinking, systems design, and automation to improve decision quality, reduce cognitive load, and scale processes. Strong background in stakeholder management, cross-functional coordination, and AI-assisted workflows.

## EXPERIENCE

Senior Structural Engineer

Multiple Engineering Consultancies | India & UK Market Exposure

2014 – Present

- Led structural design and delivery for complex projects under technical, regulatory, and commercial constraints.
- Applied product-style problem framing and built logic-driven systems to support structured decisions such as capability assessment and training prioritisation.
- Designed and implemented Python-based automation to reduce repetitive effort and improve decision consistency.
- Collaborated across engineering, BIM, and digital teams to align intent, execution, and outcomes.
- Mentored engineers and supported hiring, onboarding, and team scaling.
- Engaged senior stakeholders to communicate trade-offs and influence decisions.

## SYSTEMS, AUTOMATION & AI

- Python for automation and decision logic
- AI-assisted workflows (ChatGPT)
- Computational design & visual scripting (Grasshopper)
- Process design and optimisation
- AI-assisted prototyping and workflow validation for early-stage product ideas

## PRODUCT & DECISION THINKING

- Problem framing and root cause analysis
- User empathy and adoption-focused design
- Trade-off analysis under constraints
- Stakeholder alignment
- Scalable systems thinking

## **SELECTED PRODUCT CASE WORK**

- Applied AI & Automation
- ZeptoPaws
- Uber Reserve, Zepto AOV, Calm Kitchen

## **LEARNING & DEVELOPMENT**

- Airtribe — AI Product Management (hands-on case work and applied product thinking)
- Continuous self-driven learning in automation, UX, data, and systems design