

# Era Aggarwal

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## EDUCATION

**Indiana University Bloomington**  
MS in Human Computer Interaction

2024 – Present  
GPA: 3.9/4

**MIT World Peace University**  
Bachelor of Engineering, Computer Science and Technology

2020 – 2024  
GPA: 9.47/10

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## WORK EXPERIENCE

**Lamintus Pvt. Ltd.**

Pune, India

**UX Design Intern**

July '23 – Dec '23

- Collaborated with developers to design, implement, and maintain software, contributing to design and architecture.
  - Produced wireframes, prototypes, and interactive models using tools like Figma, enhancing visualization and refining design concepts.
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## ACADEMIC PROJECTS

**NaksheKADAM**

May '22 – Aug '22

- Designed and Developed an innovative AI-powered mobile app to assist students with career dilemmas.
- Evaluation done by assessing user engagement levels, and positive feedback from students and career counselors.
- Conducted research on student career challenges, collaborated with counselors, and built a user-friendly platform.

**Care-Belts**

Oct '21 – Jan '22

- Designed a versatile caretaking band to automate smart-home appliances, enhancing well-being when homeowners are absent.
  - Evaluated based on system dependability, vital sign detection accuracy, and user feedback on performance.
  - Achieved by developing prototypes with advanced sensors to monitor vitals and control smart-home devices.
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## INDUSTRY SPONSORED PROJECT

**Highway Directory Redesign**

Aug '24 – Dec '24

- Collaborated with Highway on a 4-month project to redesign a data-heavy interface for freight brokers.
  - Conducted user interviews and usability testing to identify pain points for Compliance Leaders and Customer Sales Representatives.
  - Implemented intuitive solutions like role-based contact segregation and visual indicators to enhance decision-making and efficiency.
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## SKILLS

**Designing and Programming**

User research, Information architecture, Information Visualization, Project Management, Wireframing, UI/UX Design, Web Design, App Design, Interaction Design, User Interface Design, Experience Design, Sketching, Storyboarding, Concepting, Prototyping, User testing, Interviews, Direct Observation, Contextual Inquiry, User Journey Mapping, Affinity Mapping, Competitive Analysis, Usability Testing, A/B Testing, Content Strategy, HTML, CSS, C++, Flutter, SQL, Python, Data Structures

**Tools**

Figma, Slack, Miro, Jira, Confluence, Adobe Photoshop, Adobe Lightroom, Framer

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## AWARDS

**Smart India Hackathon Winner '22**

May '22 – Aug '22

- Won 1st prize at Smart India Hackathon 2022, earning ₹1 lakh for developing "NaksheKADAM," an AI-based career guidance app.
  - Collaborated with the Department of School Education and Literacy to refine the prototype through three evaluations.
  - Refined the prototype through 36 hours of evaluations and jury feedback.
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## LEADERSHIP EXPERIENCE

**GitHub Campus Community**

Pune, India

**Design Lead**

Feb '22 – Feb '23

- Elevated the GitHub Campus Community's visual identity, ensuring alignment with its core values.
  - Created marketing materials and led design workshops, webinars, and events for community empowerment.
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## PUBLICATIONS

**South African patent ZA 2022/10828. 2022 Nov 30th**

Nov '22

- An Intelligent Wearable Band For Health Monitoring And Tracking

**GREENZE International Journal of Engineering and Technology**

April '24

- Track Mitra: A Smart Heats Allocation System for Equitable Sprint Competitions