

Naveena Pandiarajan

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EDUCATION

Indiana University, Bloomington

Bloomington, Indiana

Master of Science in Human Computer Interaction Design

Aug 2023 - May 2025

- Courses: Introduction to HCI/d, Foundations of HCI/d, Experience Design, Interaction Design Methods, Meaning and Form, HCI/d Studio Practice

National Institute of Technology, Tiruchirappalli

Trichy, India

Bachelor of Technology in Computer Science & Engineering; Minor in Management Studies

July 2017 - May 2021

- Relevant Coursework: Marketing Management, Principles of Operations Research, Software Engineering, Design & Analysis of Parallel Algorithms, Social Network Analysis, Advanced Database Management Systems

PROFESSIONAL EXPERIENCE

Indiana University Bloomington

Bloomington, Indiana

Associate Instructor (Graduate Teaching Assistant) - Part Time

Aug 2023 - Present

- Guiding, grading and assisting 3 teams of 12 undergraduate informatics students through Capstone projects, fostering Critical thinking, User Experience Design, Project Management and Web Development skills

Oracle

Hyderabad, India

Applications Engineer

July 2021 - June 2023

- Collaborated cross-functionally with UX designers, Product Managers and QA engineers to implement enhancements aligned to business objectives
- Developed features in the Talent Review and Succession Management modules of Oracle HCM application, enhancing user experience for over 5,000 B2B customers
- Integrated over 100 features and bug fixes using ADF, 12c Database, JavaScript, VBCS, Java and other web technologies, optimizing application performance

Amazon

Chennai, India

SDE Intern

May 2020 - June 2020

- Built proof of concept decoupled fraud detection system using AWS serverless architecture, demonstrating 21% higher accuracy in fraud prediction over legacy monolith system
- Presented recommendations on transitioning a fraud detection system to event-driven architecture using Lambda, API Gateway, SageMaker and other cloud-native tool

PROJECTS

Enhance Patient Engagement through Teach-Back [Externship project with Healthwise.Org] Jan 2023 - Ongoing

Designing an engaging, user-friendly digital experience incorporating teach-back methodology to positively impact end-user health outcomes without disrupting clinician workflows, with fellow students for [Healthwise](https://www.healthwise.com)

Reimagining GregMat Study Plans

Redesigned GRE prep website's study plans section, with potential to increase student engagement by 21% with interactive features, and validated concepts with user testing

SKILLS

- **Design, Research & Evaluation:** User Interviews, Affinity Mapping, Contextual Enquiry, UX Design, UI Design, Journey Maps, User Flows, Affinity Mapping, Personas, Storyboards, Prototypes, Wireframes, Co-design workshops, Product Strategy and Roadmapping
- **Tools & Programming Languages:** Figma, HTML, CSS, Javascript, PHP, React, Node.js, Angular, Java, Python, C++, SQL, Adobe CC, Git, Confluence, JIRA

AWARDS, LEADERSHIP & VOLUNTEERING

- Founded and led Women Inclusivity Network of NIT-Trichy (WIN-NITT) student group to promote diversity and inclusion. Organized workshops and mentorship programs attended by over 200 students
- Headed 30+ member quality management team for college festival. Conducted user research and implemented initiatives boosting event satisfaction rates by 13%
- Developed admin dashboard to manage projects, funding and inventory for campus tech hub. Mentored 15+ students on web development through workshops
- Awards: Grace Hopper Celebration India'20 Scholarship, Winner, Smart India Hackathon 2019 (Software Edition), National Talent Search Examination Scholar