

Meeshu Agnihotri

[website](#)
[linkedin](#)

I use a human-centered approach to design technologies for healthcare domain experts as well as non-experts.

PROFESSIONAL EXPERIENCE

Apervita, Chicago — UX Designer

MAR 2019 - JUN 2020

Designed MVP (Minimal Viable Product) CDS (Clinical Decision Support) knowledge artifact authoring tool for clinical analysts

Redesigned Clinical Query Language (CQL) interface to increase efficiency of clinical quality analysts

Designed dashboards for physicians and CDS designer to monitor and evaluate usage and performance of CDS guidelines

Designed MVP value based contract management tool for healthcare providers and payers to browse contract terms

NIIT Tech, Atlanta — UX Designer

SEP 2017 - FEB 2019

Designed MVP web and kiosk applications to improve check-in efficiency for customers and employees of a boutique airline

Designed native iOS and Android mobile applications for an airline. Led a team of 3 designers and successfully proposed an additional project which generated supplemental UX revenue

Designed and prototyped mobile and web chatbots and digital assistants (Amazon Lex and Microsoft LUIS) for retail consumers, customer care representatives and financial advisors

Mu Sigma, India — UI Designer

AUG 2013 - MAR 2015

Gathered functional requirements, designed wireframes and tested usability of an MVP business process automation software for business and data analysts

Gathered functional requirements and designed wireframes for an MVP statistical analysis platform for data scientists

Designed and prototyped interactive visualizations and dashboards for descriptive analytics use cases using D3, HTML, CSS

SKILLS

Interaction Design & Prototyping (advanced proficiency)

Low to high fidelity prototyping (wireframes to interactive prototypes) for SaaS products, mobile apps, conversational UIs, web apps/portals; Design specs for dev handoff; UX artifacts for information, transaction and programming workflows

Usability Testing (advanced proficiency)

In-person testing, Remote testing through UserTesting

User Research (advanced proficiency)

User Interviews, Focus Groups, Contextual Inquiry, Surveys, Competitive Analysis, User Personas, Journey Maps, Feature functional definitions

EDUCATION

Georgia Institute of Technology, Atlanta — M.S. Human Computer Interaction

2015 - 2017

Visvesvaraya Technology University, India — B.E. Electronics & Communication

2009 - 2013

SELECT PUBLICATIONS & AWARDS

Supporting families in reviewing and communicating about radiology imaging studies

Hong, M. K., Feustel, C., **Agnihotri, M.**, Silverman, M., Simoneaux, S. F., & Wilcox, L.

Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems

Epi Evident: Biosurveillance to Monitor, Compare, and Forecast Disease Case Counts

Tomaszewski, N., **Agnihotri, M.**, Cheng, H., Bhadke, A., Henry, M., & Charles, L. E.

Online Journal of Public Health Informatics, 2018

Touching data: A discoverability-based evaluation of a visualization interface for tablet computers

Sadana, R., **Agnihotri, M.**, & Stasko, J.

arXiv preprint

Young Achiever Award, NIIT Technologies, Oct 2018

RESEARCH EXPERIENCE

Information Interfaces Lab, Georgia Tech, Atlanta — Graduate Research Assistant

JAN 2016 - MAY 2017

Collaborated with an interdisciplinary team to create a heuristic framework to evaluate data visualizations

Conducted literature review, co-organized focus groups with viz experts, conducted affinity diagramming to generate a set of 21 heuristics.

Planned and conducted A/B in-person usability studies for evaluating learnability and discoverability of iPad Business Intelligence analytics applications

Health Experience Lab, Georgia Tech, Atlanta — Masters Project

JAN 2016 - MAY 2017

Social media analysis of 4 online health communities (OHCs) to understand the information needs of cancer patients

Scraped data from OHCs and created Amazon Mechanical Turk survey for qualitative coding

Designed interactive prototypes to visualize personal history of lab reports of cancer patients

Planned, conducted and analyzed data from user studies to test the effectiveness of the prototypes