KETAKI RAO
User Experience Prototyper

+1 (412)626-1084
ketakisrao@outlook.com
ketakisrao.github.io
linkedin.com/in/ketakisrao

EXPERIENCE

Pittsburgh Airport - MHCI Capstone
01/2020 - Present

UX Prototyper · Product Manager

- Designed a solution to help the PIT Airport cope up with increasing no. of passengers & wait times. Found useful by 72% of the tested participants and is being integrated into the PIT Transformed Terminal Modernization Project.

- Involved in the end-to-end UXR process which included observations, interviews, journey mapping, qualitative & quantitative data analysis etc.

EduSense, Future Interfaces Group Lab
01/2020 - Present

UX Prototyper · Research Assistant

- Redesign & development of a data visualizer tool to make debugging pipeline issues easier. Helped identify and solve 5+ issues.

- Design and prototype of a human-centered ML based dashboard for teachers to view and assess their performance in order to aid their professional development.

LiveReach Media
07/2016 - 12/2018

Senior Software Engineer

- Led a team of 3 developers: task distribution, conducted code reviews, code optimization, deployment and integration.

- Created Heatmaps and Path Analysis tools to visualize flow of people in an out-of-home setting scheduled to enter the market in 2019.

Front-end Engineer

- Developed a dashboard for customers to monitor out-of-home advertisement metrics which led to the onboarding of 2 major clients.

- Redesigned the existing platform which reduced the average onboarding time by 33% enabling the client to focus more on our analytics product.

EDUCATION

Carnegie Mellon University
08/2019-08/2020

MHCI, School of Computer Science, Pittsburgh, PA.

- User-centered Research & Evaluation
- Human AI Interaction
- Conversational User Interfaces
- Data Visualization

MS Ramaiah Institute Of Technology
08/2011-08/2015

B.E. Computer Science, Bangalore, In.

- Engineering Design
- Big Data & IoT
- Cloud Computing
- Machine Learning

I am a UX Engineer with 5 years of industry experience in software development, problem solving & leadership. I have experience working with developers, designers and the business and can balance the requirements of all three.

Software Skills

Javascript, HTML, CSS, Sass, React, Redux, Express, Node, AngularJs, D3js, eCharts, Nginx, Apache, MySQL, MongoDB, GraphQL, Python.

Research/Strategy Skills

Ideation, Contextual Inquiry, Rapid Prototyping, Usability Testing, Speed Dating, Product Management, Accessibility, Written & spoken communication.

Design Skills

Figma, Illustrator, Photoshop, InDesign, After Effects, ProtoPie, Dialogflow, Material Design.

Recognition

ReHack, Princeton
Winners for the most Original Design Idea - Slanguage.

Sequoia Hack
Best use of Amazon Alexa for smart wearables.

SAP Lumira Challenge
First place at a national level data visualization challenge.

Aspirations 2020
College champions at a competitive coding contest by Infosys.