

K.R MAHADEVAN

☎ +91-9016157638 ✉ krmh0408@gmail.com 🔗 [linkedin.com/in/krmh04](https://www.linkedin.com/in/krmh04) 🌐 github.com/krmh04 🏠 krmh04.github.io

Education

International Institute of Information Technology,Bangalore

Master of Science in Digital Society

July 2023 – Present

CGPA: 3.67/4.0(Current)

Charotar University of Science and Technology,Anand

Bachelor of Science in Information Technology

July 2020 – May 2023

CGPA: 9.91/10.0

GNFC Narmada Vidyalaya,Bharuch

Class XII

May 2020

Percentage:62.15

Experience

Business Analyst Intern

Center for Smart Governance

January 2025 – Present

Bangalore, Karnataka

- Developing an interactive Streamlit dashboard for the Kaveri Services Portal to rank Sub-Registrar Offices at district and state levels, enabling data-driven insights to enhance operational efficiency across districts.
- Analyzing large datasets and conducting qualitative research to extract insights, ensure data accuracy, and develop impactful visualizations for performance evaluation and data-driven decision-making.

UX Research Intern

Samsung R&D Institute India

January 2024 – April 2024

Bangalore, Karnataka

- Led quantitative and qualitative research initiatives to understand user needs and pain points in file sharing through their devices,spearheading data analysis efforts to identify trends and patterns in user behavior for product improvement.
- Communicated findings and recommendations to the design team for improvement in the file sharing experiences.

Projects

Spectrum Auction Price Analysis | *Python, Microsoft Excel,R* | [GitHub](#)

- Compiled and processed spectrum auction data from various governmental telecom agencies, implementing robust data cleaning techniques to ensure accurate analysis.
- Performed panel regression analysis to assess factors influencing spectrum auction prices ,leveraging its ability to account for both temporal and regional variations and providing actionable insights that contributed to **3** published news articles.

MentalHealthViz | *R, Shiny* | [GitHub](#)

- Developed an interactive web application to visualize mental health survey data using spatial and non-spatial visualizations,allowing users to upload and configure datasets dynamically for actionable insights.
- Integrated user-controllable features for visualizations, including recoding mismatched data, creating population pyramids, and configuring likert scales, enhancing accessibility and adaptability for diverse datasets.

HastyBuzz | *Figma, User Research* | [Blog](#)

- Conducted comprehensive primary and secondary research to identify key challenges faced by retail stores, leading to a customized platform solution for better product visibility and market reach.
- Developed a user-friendly interface to help retail store owners bring their businesses online, enabling easy product listings and streamlining seamless networking within the community.

WasteNot | *Figma, User Research* | [Blog](#)

- Undertook extensive user research by interviewing and gathering insights from **17** stakeholders, including consumers, recyclers,and NGOs in Electronic City,Bangalore to understand challenges in sustainable e-waste management.
- Designed an intuitive and user-friendly UI to seamlessly connect consumers and formal recyclers for responsible e-waste disposal in the city.

Technical Skills

Languages: Python, R,SQL, JavaScript, HTML/CSS

Developer Tools: Git, GitHub, Codeberg, VS Code, R Studio, Tableau, Figma, Jupyter Notebook, Balsamiq, Notion, Microsoft Office, Google Workspace

Research Methods: Survey Design, Persona Development, User Interviews, Usability Testing, Expert Interviews, Competitive Analysis, Heuristic Evaluation , Contextual Inquiry, Statistical Analysis

Achievements/Awards

- Amongst the top 4 students out of over 130 students to get selected for the Undergraduate Student Fellowship at CHARUSAT University.
- Received the Top QA Contributor Award from Mattermost for Hacktoberfest 2022.
- Reached the West Zone Finals of National Inter-college Crossword Expedition 2023 and 2024.