Siraaj Kudtarkar

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EDUCATION

UNIVERSITY OF MICHIGAN SCHOOL OF INFORMATION, Ann Arbor, Michigan

Master of Science (M.S.) in Information (Focus in User-Centric Agile Development)   Expected May 2026
- Relevant Coursework: Back-end Development for Full-Stack Applications, Developing Mobile Experiences, Web Design, Building Interactive Applications, AR/VR Application Design, Interaction Design, UX Foundations

UNIVERSITY OF CALIFORNIA RIVERSIDE - BOURNS COLLEGE OF ENGINEERING, Riverside, California

Bachelor of Science (B.S.) in Computer Science   June 2023
- Relevant Coursework: Web Development, Data Structures and Algorithms, Database Management Systems, Big Data Management, Entrepreneurship in Computing

PROFESSIONAL EXPERIENCE

"CODI" APPLICATION, Ann Arbor, Michigan

Mobile Application Developer   October 2025 to Present
- Created a full-stack application using React Native, Google Cloud, and OpenAI to improve communication between parents and children affected with Type 1 diabetes, leveraging key findings from a University of Michigan-backed research study.
- Led front-end development for a 5-person team, collaborating with UX designers and faculty researchers to integrate user feedback from research trials with children and their parents into scalable UI components and improved interaction flows.

UNIVERSITY OF MICHIGAN COLLEGE OF ENGINEERING, Ann Arbor, Michigan

Web Developer   June 2025 to October 2025
- Spearheaded development and maintenance of WordPress/Divi websites for six College of Engineering programs, implementing client-requested updates and ensuring accessibility best practices.
- Streamlined site improvements by collaborating with stakeholders, leveraging Trello for task management and issue tracking, and delivering accurate, timely updates across live production environments.

UNIVERSITY OF MICHIGAN CENTER FOR ACADEMIC INNOVATION, Ann Arbor, Michigan

Software Quality Assurance Fellow   October 2024 to October 2025
- Developed front-end automation tests with Python and Selenium IDE to improve test coverage for eCoach and MTS.
- Resolved software defects for proprietary educational tools (eCoach, Gradecraft, and Michigan Online) by managing issues through Trello cards and collaborating with cross-functional teams in an agile environment.
- Optimized QA processes by integrating automation, conducting accessibility checks, reducing manual testing efforts, and improving platform reliability.

PROJECT EXPERIENCE

"MeTime" APPLICATION

Web Application Developer   September 2022 to June 2023
- Built the "MeTime" a time management application for busy users utilizing Next.js, integrating with the Google Calendar API and MongoDB, and using platforms such as Vercel and Google Cloud Console, improving users' work life balance.
- Pitched startup concept at UCR Blackstone Launchpad Ideas competition (October 2022) including a comprehensive presentation encompassing the problem statement, solution designs, business model, market analysis, industry scope, and competitive landscape resulting in a $1,000 award price.

UI/UX Designer   April 2021 to June 2023
- Conducted user research, including 20 interviews and surveys, to identify key pain points and validate the need for MeTime as a health-technology solution, ensuring high usability and accessibility standards.
- Designed Figma wireframes for MeTime, an award-winning app helping users manage mental health through scheduling.
- Oversaw design process including defining problem, setting scope, ideating, prototyping in Figma and implementing visual design strategies resulting in winning the Boston University UX/UI Designathon "Catalyst".

SKILLS

Technical Skills: JavaScript, Python, HTML, CSS, C, C++, React, React Native, Expo, Unity, Next.js, Vue.js, SQL, MySQL, Linux, Wordpress
Design Skills: User Interface/User Experience Design, Front-End Development, Wireframing, Prototyping, User Research
Tools: Git, Trello, Figma, Axure, WordPress, Microsoft Office

CERTIFICATIONS

The Complete JavaScript Course 2024: From Zero to Expert! (Udemy)   July 2024