

Prathamesh Ghate

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EDUCATION

New Jersey Institute of Technology, Newark, NJ

Master of Science, Computer Science

Sep. 2021 – May. 2023 (expected)

Coursework: Software Architecture, Operating System Design, Data Management Systems Design, Organizational Behavior

University of Mumbai, Mumbai, India

Bachelor of Engineering, Computer Engineering

Aug. 2016 – Oct. 2020

Coursework: Software Engineering, Management Information Systems, Web Development, Human-Machine Interaction

EXPERIENCE

New Jersey Institute of Technology, Newark, NJ

[\[Link\]](#)

UI/UX Application Designer and Researcher for Digital Archive of Newark Architecture (DANA)

Dec. 2021 – Present

- Worked on the user interface (UI) for [IOS](#), [Android](#), and Microsoft Hololens platforms.
- Studied the first design build in 2018, based on the study and requirements presented and implemented a new modern user interface (UI) for the mobile application whose primary focus is simple user navigation.
- Responsible for understanding user behavior, creating a persona, user flow, prototyping, user testing, mockups, and intuitive, and engaging user experience for the applications.
- Explored real-time geospatial exploration to help deliver users to examine archival materials in real-time in mixed reality (MR).
- Worked with a team of two mobile application developers in a collaborative team environment to deliver high-quality and incredible design solutions, document, manage, and present design solutions to stakeholders.
- Conducted user testing to identify bugs in the beta version, documented and presented possible UI changes to deliver a fantastic user experience through the first final version.

SKILLS

Programming Languages: Python, HTML5, CSS3, JavaScript (ES6).

Libraries & Framework: Bootstrap, React.js, jQuery.

Tools: Figma, Adobe XD, Sketch, Photoshop, Illustrator, Miro, Balsamiq, Proto, Git, Gulp, JIRA, VSCode.

Research: User Research, Usability Testing, Accessibility, Interview, Survey, User Testing

Creative: Design Thinking, Interaction Design, User Flow, Wireframing, Prototyping, Persona, Style Guide, Mock-ups.

ACADEMIC PROJECTS

Color Palette Generator

[\[Link\]](#)

Role: HTML5, CSS, JavaScript

- chroma.js library for color conversions and color scales.
- Worked on building live slide update, copying to clipboard, and generating button feature.
- Implemented Dynamic UI Library to generate a different color palette.

JustEatIt – Food Ordering System

[\[Link\]](#)

Role: User Survey, User Flow, Wireframing, Prototyping, User Persona, User Testing, Style Guide, Mockups

- Responsible for defining the problem, user behavior and requirements, user flow, wireframing, and user testing.
- Worked on building user-centered, beautiful, thoughtful user interface elements and experiences.
- Created style guide and use cases and conducted user research to assist in developing product scenarios.
- Leveraged various prototyping and collaborating tools to solve complex concepts.

IntelliLib – Library Management System

[\[Link\]](#)

Role: UX design, User Persona, Site Map, Style Guide, User Flow, Wireframing, Prototyping

- Architected user flow, site map, and wireframing.
- Communicate and collaborate daily with multi-disciplinary teams of engineers, project leads, and stakeholders to plan and deliver a coherent user experience.

CERTIFICATIONS

Human-Computer Interaction, Interaction Design Foundation

User Interface (UI) Design Patterns for Successful Software, Interaction Design Foundation