Prathamesh Ghate

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EDUCATION

New Jersey Institute of Technology, *Newark, NJ*

Master of Science, Computer Science GPA: 3.41 / 4.00 *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

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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*

- o Worked on the user interface (UI) for IOS, Android, and Microsoft Hololens platforms.
- o 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.
- o Responsible for understanding user behavior, creating a persona, user flow, prototyping, user testing, mockups, and intuitive, and engaging user experience for the applications.
- o Explored real-time geospatial exploration to help deliver users to examine archival materials in real-time in mixed reality (MR).
- o 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.
- o 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

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

Leads Tracker Google Chrome Extension *[Link]*

Role: HTML5, CSS, JavaScript

- o Worked on a simple user interface, letting users save and keep track of links.
- o Implemented EventListener() to the buttons.
- o Responsible for fetching the input value, storing it into an object, and converting it into JSON using JSON.stringify().
- o Worked on local storage feature to save data locally to work across page refresh.

AirBnb Experience Clone *[Link]*

Role: HTML5, CSS, JavaScript, React

- o Leveraged props to build reusable components to take different data.
- o Responsible for using the data to drive over the code and map over it to create the website

JustEatIt – Food Ordering System *[Link]*

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

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

- o Architected user flow, site map, and wireframing.
- o 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*