KSHITIJ TIWARI(HE/HIM)

Boston, MA

✉ tiwari.ks@northeastern.edu   in LinkedIn   ⚫ Github

Education

Northeastern University, | Ms in Computer Software Engineering (Information Systems)   Exp. May'24
Courses: Application Engineering and Design, Web Design, User Experience Design and Testing

Lokmanaya Tilak College of Engineering, | Bachelor of Engineering in Computer Science   2018-2022
Courses: Data Structures, Object Oriented Programming, Web Design Lab, Business Communication

Technical Skills

Languages: Python, Java, HTML5, CSS3, Sass, JavaScript ES6, Typescript, jQuery, Ajax, SQL, EJS, JSX

Developer Tools: Linux, Git, Docker, Kubernetes, PyCharm, VS Code, Figma, Balsamiq

Web Frameworks: Node.js, React.js, Flask(python), SonarQube, Angular.js, Vue.Js

Databases: MySQL, PostgreSQL, MongoDB

Professional Experience

Magick Box Media   Mar' 21 - June' 22
Web Development/Design Intern   *Mumbai, India*
- To bring in more leads, redesigned front-end of websites using UX principles
- Pitched new clients creating high fidelity wireframes as the lead of a team of 5 people
- Optimized various websites for critical clients, upgraded websites aligning with latest industry trends
- Met all the deadlines and provided all the clients a timely delivery for all development and design related tasks

Projects

Smart-City Manager app | *Java, NetBeans, db4o*
- Modeled a Java application to manage resources of a smart city
- Constituted 5enterprises including medical care, Housing, Education, Job portal, and Rehabilitation facilities
- Implemented functionalities for a citizen to register and request any of 5 facilities
- Constructed a database connection with the app to store user information in background using 'db4o'

iFix − E-commerce website | *React.js, Node.js, Chakra UI, MongoDB, JS, CSS*
- Modeled a multi-page web application for an e-commerce website for smart devices
- Devised admin interface giving CRUD controls for orders, customers, other admins and products
- Utilized MongoDB to connect the website with a database
- Created a payment interface using PayPal API

Secrets Web App | *Node.js, Express.js, APIs, EJS, OAuth*
- Developed a web application for sharing secrets anonymously
- Implemented security and authentication using hash-salt using password package and OAuth
- Modified the interface to be minimalist and user-friendly

Simple Invest Finance App | *Prototyping, Figma, UX Research, UI design*
- Developed user interface using prototyping for a finance and trading app
- Conducted user research with 15 users having unique personas using methods like diary-study, card sorting to create a user-friendly design
- Got the completed prototypes tested by 10 different users in real-time to observe and improve the interface
- Improved the interface to be attractive and easy to use for users of all age groups

My Portfolio | *HTML, CSS, Bootstrap*
- Conjured up a basic portfolio website as a showcase of skills - HTML, CSS, and Bootstrap
- Conceptualized website to be an introduction as a Web-Developer

Jarvis-like voice assistant | *Python*
- Formed a voice assistant inspired by reputable JARVIS from the MCU
- Devised response and voice recognition function using python libraries 'pyttsx3' and 'SpeechRecognition'