Mohak Sunil Waghchaure

+1-973-583-1124 | mohak11jan@gmail.com
https://www.linkedin.com/in/mohakwaghchaure/
https://mohakwaghchaure.github.io/portfolio/
https://github.com/MohakWaghchaure

Experienced Frontend engineer with a focus on building engaging and accessible digital experience

Work Experience

UX Design/Engineering Intern - Subconscious.ai, Inc.　　　　　**New York, US | June 2024 – Present**

- Collaborated with designer and managers to create prototypes and UI specifications in Figma, in **Agile methodology**.
- Worked closely with a development team to design, build, and maintain high-performance web applications using **Vercel**, **Next.js** and **React.js**, increasing code usability by 40%. Used **tailwind** and **GSAP animation library** to enhance UI interactivity.
- Wrote clean, maintainable code in **TypeScript** and **JavaScript**, enhancing application stability by 20%. Utilized **Docker** for efficiency.
- Troubleshot and resolved bugs promptly, Efficiently wrote **API routes** and seamlessly integrated with backend. Used **git** for version control. Explored and implemented **open-source AI projects and libraries**, driving innovation and enhancing application features.

Assistant Frontend Developer - Gray Matrix Solutions Pvt. Ltd.　　　　　**Mumbai, India | Oct 2021 – June 2022**

- Collaborated with UI/UX professionals in an **Agile framework** to conceptualize layouts, prototypes, and UI specifications in **Figma**.
- Coordinated in an 8-member team to develop **responsive** front-end solutions. Employed **HTML, CSS, SCSS, Bootstrap**, and **media queries** for 5+ websites/web apps. Utilized **JavaScript**, **jQuery**, and **GSAP animation library** to increase UI interactivity by 20%.
- Established project foundations using **Node.js**, creating **EJS** templates and 10+ reusable components with **React.js**
- Worked closely with backend and network engineers to implement robust routing and controllers using **Express.js** while utilizing **Git** for version control. **Supervised and mentored** intern and junior developers, boosting productivity by 18%.

Associate Developer - Indigo Consulting - Digital Marketing Agency, Publicis Groupe　　　　　**Mumbai, India | June 2019 – Sept 2020**

- Interacted with the team of designers, CSMs, and clients to grasp UI and project requirements within the **Agile methodology**.
- Associated in a 10-member frontend team to develop and maintain websites using **HTML, CSS, SCSS, media queries, JavaScript**, and **jQuery**. Worked closely with backend developers, the QA team, handled **validations**, troubleshooting, and **FTP** tasks.
- Handled **Content Management System** for 5 websites consist of **Umbraco, Sitefinity, Drupal, and Backbase**.
- Improved website performance by implementing **Search Engine Optimization** techniques, resulting in a 22% enhancement.

Frontend Developer - Bysness Inc, Pinsaar Software Technologies Pvt. Ltd.　　　　　**Mumbai, India | Sept 2018 – June 2019**

- Synchronized with a team of 2 designers and 5 developers to brainstorm and establish **UI requirements** and layout designs.
- Developed **responsive** web interfaces using **HTML, CSS/SCSS** for 5+ web applications, incorporated **media queries** for **cross-device compatibility**. Conducted manual, cross-browser compatibility testing for websites, utilized **Git** for version control.
- Improved user experience by 20% with dynamic functionality and animations using JavaScript and the **GSAP** Library.
- Managed **Node.js** backend operations with **MongoDB**, including input fields, extensions, **CRUD operations**, and **validations**.

Education

Master of Information Technology and Analytics　　　　　**New Jersey, US | Aug 2022 – Dec 2023**

Rutgers Business School - Newark and New Brunswick, Rutgers University

Related Courses: Information Security, Business Data Management, Software Development, Analytics Business Intelligence, Project Management, Business Analytics Programming, Data Mining, Algorithmic Machine Learning, Data Visualization

Skills

Technologies: HTML, CSS, SCSS, JavaScript, Typescript, NodeJS, ReactJS, NextJS, ExpressJS, C++, Python, R, SQL

Libraries: Flexboxgrid, Bootstrap, Tailwind, MaterialUI, jQuery, GSAP, EJS, Pandas, NumPy

Tools: Vscode, WebStrom, Tableau, GitHub, Git, Firebase, SourceTree, FileZilla, Postman, Vercel, Docker, Figma, Canva

Methodologies: Agile development, Version control, CI/CD, SEO, User-centered design, CMS technologies

Relevant Projects

Subconscious.ai (Web Application) - Subconscious.ai inc.

- Built an experiment flow with Next.js, utilized React components and hooks to for state management and boost code reusability by 20%.
- Implemented React animations along with JavaScript codes to enhance user interaction, and used Tailwind CSS to speed up the development process by 10%.

Differential Capital (React Application) - Gray Matrix Solutions Pvt. Ltd.

- Built user and admin modules with HTML, SCSS, used bootstrap and React components boosting code reusability by 25%.
- Implemented React animations along with JavaScript codes to enhance user interaction, responsive design and mobile-first approach, integrated webpack for a 20% faster development process.