# Mohak Sunil Waghchaure

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## Education

**Rutgers Business School - Newark and New Brunswick, Rutgers University**          **Aug 2022 – Dec 2023**
Master of Information Technology and Analytics
*Related Courses: Information Security, Business Data Management, Software Development, Analytics Business Intelligence, Project Management, Business Analytics Programming, Data Mining, Algorithmic Machine Learning, Data Visualization*

**Vidyalankar Institute of Technology, Mumbai University**          **Aug 2013 – Dec 2017**
Bachelor of Engineering, Electronics
*Related Courses: Electronic Devices, Digital Circuit Design, Structured programming, Integrated Circuits, Signals and Systems*

## Experience

**Gray Matrix Solutions Pvt. Ltd. -** Assistant Frontend Developer          **Oct 2021 – June 2022**
- Collaborated with UI/UX professionals in an **Agile framework** to conceptualize layouts, prototypes, and **UI specifications**.
- Coordinated in an 8-member team to develop **responsive front-end solutions**. Employed **HTML, CSS, SCSS, Bootstrap,** and **media queries** for 5 websites and 2 web apps. Utilized **JavaScript, jQuery**, and **animation libraries** to increase UI interactivity by 20%.
- Established project foundations using **Node.js**, creating **EJS** templates and 10+ reusable components with **React and React hooks**.
- 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%.

**Indigo Consulting - Digital Marketing Agency, Publicis Groupe -** Associate Developer - FEE          **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.

**Bysness Inc, Pinsaar Software Technologies Pvt. Ltd. -** Frontend Developer          **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**, and integrated **media queries** for 5 web applications.
- Improved user experience by 20% with dynamic functionality and animations using **JavaScript and the GreenSock (Gsap) Library.**
- Managed **Node.js** backend operations, including input fields, extensions, CRUD operations, and validations.

## Technical Skills

**Operating System:** Windows, Linux Mint
**Languages/ Technologies:** HTML, CSS, JavaScript, SCSS, jQuery, C++, Bootstrap, GSAP, Flexbox, React, Express, Tableau, SQL, Python
**Applications/others:** Vscode, WebStrom, Ms.Office, GitHub, Git, Firebase, SourceTree, Arduino, FileZilla, , Agile Methodology

## Projects

**Talkk.ai (Product Website) -** Gray Matrix Solutions Pvt. Ltd.
- Prepared initial **setup with Node.js and Ejs**. Wrote **HTML, SCSS,** use of **React**, **bootstrap** to increase code reusability by 40%.
- Implemented **JavaScript, jQuery** codes for **dynamic UI, media queries** for **responsive design** and **mobile-first approach** which increased the site performance by 27%**.** Wrote **Express.js** codes for page routing.

**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.

**TIFM (Total Infrastructure Facility Management) (Web Application) –** Bysness Inc.
- Contributed to a business automation ERP application by Implementing 10+ frontend layouts with **HTML, CSS, SCSS.**
- Used **Gsap Library, and JavaScript** for animations to increasing user interaction by 25%**,** handled **Node.js** backend modules**.**

**Website Development / Maintenance -** Indigo Consulting, Publicis Groupe
- Worked on projects for clients like HDFC Bank, IndusInd Bank, Dr. Reddy's, Kotak General Insurance, and Tata Mutual Funds.
- Responsible for **HTML, CSS, SCSS, JavaScript, responsive design, website maintenance, updates, validations, and bug-fixing**. Enhanced website performances by 20%-40% through writing reusable codes and the strategic application of **SEO** techniques.

## Accomplishments / Courses

- **RU-N Rising Peer Mentor (Rutgers University) –** Peer Mentor for students to assist them to complete their academic journey.
- **Technical paper –** Impact of Virtual Private Network on an Organization (Information security)
- **Online Bootcamps / Certifications –** Web Dev Bootcamp on Udemy (**HTML, CSS, JavaScript, Bootstrap, Express, AJAX, NodeJS**) React Complete Guide by Academind (**React.js, Redux, Routing**).
- Worked as a **Badminton Trainer** at start-up **'The Coach Crew'**, Competed at State and district-level Badminton tournaments.