Siddharth Suhas Dalvi

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EDUCATION

Stevens Institute of Technology   **Hoboken, New Jersey**
Master of Science in Computer Science (GPA: 3.39)   *Graduation Date: May 2024*

Mumbai University (Pillai College of Engineering)   **Navi Mumbai, Maharashtra**
Bachelor of Engineering in Computer Engineering (GPA: 3.39)   *Graduation Date: May 2022*

PROJECT EXPERIENCE

Stevens Institute of Technology   **Hoboken, New Jersey**
Hoboken Teens Work   *Sep 2022 - Dec 2022*

- Developed a user-friendly web application using JavaScript, Node.js, Express.js, Handlebars.js and MongoDB that enabled local teens below 18 to find part-time jobs posted by users with 95% accuracy
- Increased efficiency of the hiring process by 65% through creating a feature that enables adult users to easily hire candidates on the website itself, eliminating the need for third-party communication
- Developed and integrated client-side validation protocols for website, reducing server load by 40% and decreasing response time by 50ms per user.

Mumbai University   **Navi Mumbai, Maharashtra**
Virtual Lab for Java Programming   *May 2021 - May 2022*

- Developed and implemented a virtual programming lab using JavaScript, MongoDB Database, Node.js, and Express.js resulting in an increase of student engagement by 40%
- Integrated a third-party API into the virtual lab environment, enabling students to access IDEs directly from their web browser and leading to a 20% decrease in setup time for lab assignments
- Implemented JavaScript XSS protection to safeguard web applications against cross scripting attacks, resulting in a decrease of vulnerabilities by 75%

PERSONAL PROJECT

Relevant Project   **Hoboken, New Jersey**
Personal Website   *Oct 2022 - Oct 2022*

- Developed a responsive portfolio website from scratch after designing it with Figma, utilizing HTML5, CSS and JavaScript resulting in a increase in traffic and engagement
- Implemented and optimized client-side processing for Word Cloud generator on website, resulting in generation of word clouds within 1 second for users
- Implemented a custom HTML5 download attribute to enable users to easily download my resume, resulting in a increase in user engagement and downloads

SKILLS

HTML5, CSS, JavaScript, MongoDB, Node.js, Express.js, Handlebars.js, Postman API, Figma, Python, MS Office Suite

WORK EXPERIENCE

Stevens Institute of Technology   **Hoboken, New Jersey**
Teaching Assistant   *Jan 2023 - May 2023*

- Facilitated weekly discussion sessions and office hours, resulting in a 20% increase in student engagement and a 15% improvement in exam scores
- Collaborated with the professor to redesign exam grading rubrics, leading to a 15% reduction in grade disputes and an improved average exam score by 5 points

LEADERSHIP EXPERIENCE

Mumbai University   **Navi Mumbai**
Virtual lab for java programming   *May 2021 - May 2022*

- Managed a team of 3 individuals, one of whom fell ill during the project resulting in increased responsibilities. Despite this setback, successfully delivered a product that included all promised features and additional features