Tushar Mahat

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SUMMARY

Detail-oriented and analytical Full Stack Engineer. Self motivated with strategic and efficient problem-solving skills. Proficient in interpersonal communication, organization, and learning agility. An exceptional team player with a proven ability to engage with clients and teams. Ability to perform cross-functional collaboration by demonstrating sound judgment in issue escalation.

SKILLS

- **Programming Languages:** JavaScript, Java, Python, C#
- **Front-End:** HTML, CSS, Bootstrap, Tailwind, D3.js, React, jQuery
- **Back-End:** Node.js
- **Database:** MySQL, MongoDB
- **OS:** Windows, Linux, UNIX
- **Other Technologies:** Express, RESTful API, JSON, Git, Microsoft Office, Teams, Slack, Zoom, Discord

EXPERIENCE

Student Grader
Saint Mary's University, Halifax, NS   **09/ 2021 – 04/ 2023**
- Evaluated 50 programming assignments of students enrolled in the Data Structures and Algorithms Course.
- Assessed written assignments of students enrolled in the Advanced Computer Programming and Problem-Solving courses.
- Provided constructive and detailed feedback to ensure the enhancement of student learning and performance.

Mathematics Tutor
Orchid Eden Academy, Dang, Nepal   **05/ 2018 – 08/ 2018**
- Instructed primary students in mathematics with emphasis on fundamental concepts and problem-solving.
- Customized lessons to diverse learning styles with a success rate of 95% on comprehension test in an engaging environment.

PROJECTS

Portfolio App   URL:https://bit.ly/3PmWX3A
- Designed, constructed, and hosted a responsive personal portfolio app on Netlify.
- Utilized HTML, CSS, and ReactJS to create an intuitive user interface.
- Maintained regular updates to showcase continuous professional growth.

Dhakatopi Clothing Store   URL:https://bit.ly/3EI8dCR
- Identified the need for a responsive Clothing Store web app to meet specific requirements.
- Utilized HTML, CSS, and PHP to create a responsive application.
- Successfully integrated user authentication, product catalog, and cart functionalities.
- Provided features to enhances user experience and increasing sales.

Autism Nova Scotia Email App   URL:https://bit.ly/3sPGQE1
- Collaborated on developing an email app for Autism Nova Scotia using HTML, CSS, and Node.js, addressing a specific need.
- Enhanced app UI with user-friendly instructions, facilitating email system learning for students with Autism.
- Conducted client meetings to ensure thorough understanding of requirements and reviewed prototypes for alignment.

Database Management App (CRUD App)
- Identified database management needs for a fictional car parts supplier, implementing ER diagrams and relational schemas.
- Developed a user-friendly front-end with Bulma, enhancing accessibility.
- Led team meetings, facilitating issue resolution and project progress tracking.

Visualization Dashboard   URL:https://bit.ly/3rdwvRY
- Identified a data visualization challenge and created a D3.js dashboard using Kaggle world statistics (1955-2020).
- Improved data quality by applying effective data cleansing techniques.
- Employed various graph types, such as scatter plots, lines, bars, and donut charts, to highlight annual data patterns.

EDUCATION

Bachelor of Science in Computing Science (Major) with Minor in Mathematics
Saint Mary's University, Halifax, NS • 04/ 2023
GPA: 4.05/4.30

Science Atlantic Programming Competition - Third Position   **10/ 2021**

Dean's ListDean's List   **05/ 2019**