SHUBHAM SHUKLA

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HIGHLIGHTS OF QUALIFICAIONS

- Enrolled in 4th year of **Computer Engineering CO-OP** program at McMaster University. Graduating 2022.
- Proficient in **React**, **HTML, CSS, JavaScript, Material UI** and **SASS** through self-learning, projects, and schoolwork. Currently expanding my skills on **Redux** and, **MangoDB** . I also have experience in **Python, C++, PHP** through Uni projects and **WordPress** from free-lance work. Currently working towards building my skills for **front end web development** through online courses outside of university, personal projects as well as freeCodeCamp.
- Experienced in **UI design**, **video and photo editing** using the Adobe suite (**Premier Pro, Photoshop, Lightroom and XD**).
- Excellent problem solving and technical skills. Quick adaptive learning developed through not only programming, but also constant adaptation of new hobbies and skills.
- Strong **communication, leadership, and management skills** through volunteering, being a free-lance logo designer, photographer, musician, and editor.

EXPERIENCE

NOV 2021 – CURRENT

JR. FRONT-END WEB DEV - PLANT8
- Using React to develop new production level platform previously based on Laravel
- Responsible for test driven development, and edge to edge testing
- Responsible for implementing features, bug fixes, clean up code base and optimizing UI/UX experience

MAY 2021 – AUGUST 2021

FRONT-END WEB DEV AND ECOMMERCE INTERN - 3D POWDER HUB
- Designed, implemented, and managed www.3dpowderhub.com using WordPress.
- Responsible for implementing custom features using PHP and CSS
- Responsible for creating custom graphics, email templates and any other design orientated tasks

SEPT 2019 – AUGUST 2020

RESEARCH INTERN/WEBSITE MANAGEMENT - CNEM CORPORATION
- Designed, implemented, and managed company website under the domains www.cnemcorp.com, and 3denginearrings.com/ with WordPress.
- Implemented custom styling with CSS and functionality using PHP.
- Worked on a metal foam project for renewable energy, electronics, and environmental applications (Heat pipes and vapor chambers using copper foam). Property testing, product processing, and optimization.
- Studied the effects of metal foam geometry on heat transfer behaviors and performed daily lab assignments and efficiently recorded test results.

AUG 2018

CODING TEACHER VOLUNTEER - MCMASTER UNIVERSITY
- Performed programming workshop teaching basic coding skills to first year Biomed and a couple other engineering streams students.
- Helped answer questions regarding their future paths.
- Overlooked and helped run a mini course that included concepts from Python, C89, and Basic Arduino/Raspberry Pi skills.

EDUCATION

EXPECTED GRADUATION 2022

BACHELOR'S IN COMPUTER ENGINEERING - MCMASTER UNIVERSITY
- The degree itself consists of many classes ranging from coding to hardware knowledge with a high quantity of work and responsibilities.
- Worked on projects and courses that included learning C, C++, Python, Verilog, and JS.
- Projects include pacemakers, RC car using UARTS & FMUs, image processing, machine learning, and an autonomous chessboard

FRONT-END WEB DEVELOPMENT – FREE CODE CAMP
- Self-teaching myself everything I can about front-end web development while doing my undergrad at McMaster. I am expanding my skills upon UI/UX design, web design and graphic design, allowing me to design well-made websites. My goal is to adapt full stack development later in my life but only after I have a strong on front end.
- HTML/CSS Certification and Vanilla JavaScript Certification Complete - Certificate Link

FAVOURITE PROJECTS – AVAILABLE ON GITHUB

TRAVEL ADVISOR – REACT
- Uses React and Material UI
- Uses Google Maps API, Travel Advisor & Weather API

TENZIES - REACT
- Mini game using React and custom CSS styling
- Focuses on state management

GET WORK DONE
- Multiple apps in one, using jQuery, Vanilla JS
- To-do list, minesweeper, rock paper scissors, countdown and pomodoro timer

PICK A COLOR (COLOR PALETTE PICKER)
- Uses Vanilla JS
- Responsive web design

SHRI MAHA LAXMI
- Uses HTML, SASS, Vanilla JS
- Responsive Web Design
- Custom Graphics

freeCodeCamp PROJECTS
- Projects range from HTML, CSS, jQuery, Vanilla JS, React, Redux and more.
- All include the FCC string in their title

Please feel free to check out the rest on my GitHub page.