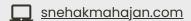
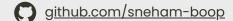
SUMMARY

A life-long engineer & fullstack web developer with strong analytical & problemsolving skills. I have a background in automation & electrical engineering. Web development started as a way to sell my art a few years ago and I have continued to learn more and practice these skills ever since.

Will thrive in a team environment where learning and collaboration is valued. Keen to master the latest web development tools & technologies and help others in my team grow with me.





SKILLS

Languages

- JavaScript
- SQL / NoSQL
- CSS / SASS
- HTML / HTML5
- Ruby

Frameworks/Libraries

- Git / GitHub
- iQuery / Bootstrap
- NodeJS / Express
- Ruby on Rails
- ReactJS
- AJAX / Axios
- PostgreSQL / MongoDB
- WebAPIs / Postman

Other skills

- Customer Service
- Team Leadership
- Technical Documentation
- Project Management
- Microsoft Office

Sneha Mahajan

Mark hello@snehakm.com

Milton, ON (2)

2 905-867-8896

linkedin.com/in/mahajansneha in

PROJECTS

weHike

(LIVE •)

Users can find hiking events near them, create new hiking events for others to join, track their progress & see past events.

<u>Key:</u> Team work, merge conflicts via Git, project & task management

Tech Stack: ReactJS, Google Maps API, Axios, Node, Express, PostgreSQL

Interview Scheduler

GitHub

Single page ReactJS app that allows users to schedule interviews for the

Key: Component based UI design, test driven development, error handling Tech Stack: ReactJS, Axios, SASS, Node, PostgreSQL, Cypress, Storybook

Colourly

Inspired by the Coolers colour palette tool. Users can see popular colour palettes and save favourites. Users can create their own colour palettes.

Key: SQL database, Web page templates, Trello / task tracking

Tech Stack: JavaScript, HTML, CSS, jQuery, AJAX, Node, PostgreSQL

EXPERIENCE

Nord Drivesystems

One of the world's leading manufacturers of drive technology for mechanical and electronic solutions.

Sr. Application Specialist, Toronto, ON Application Engineer, Madison, WI

2019 | Present 2016 - 2019

Recruited to grow sales of Nord's control products in North America by utilizing experience in PLC programming and networking of electronic devices. Relocated to Canada in 2019 to support Nord's Canadian subsidiary & customers involving similar duties.

- Wrote PLC (Logic Controller) & HMI (human machine interface) programs for controlling variable frequency drives (VFD) via EtherNet/IP, Profinet, EtherCAT, DeviceNet, etc.
- Responsible for designing VFD solutions and delivering start-up / commissioning assistance for large industrial automation projects such as baggage handling systems at Cleveland, Detroit airports, etc.
- Developed new training processes & material & trained customers and internal teams on product usage and maintenance

EDUCATION

Diploma in Full Stack Web Development

Lighthouse Labs Toronto, ON, CA

MS in Electrical Engineering

Missouri University of Science & Technology Rolla, MO, USA Focus on signal processing, Graduate Research Assistant for the Computerized Medical Imaging Lab

BS in Electronics & Telecommunications Engineering

University of Pune, MH, India

CERTIFICATIONS

Front End Development Libraries

freeCodeCamp React, Bootstrap, Redux, jQuery, SASS

JavaScript Algorithms and Data Structures

freeCodeCamp JavaScript, Regular Expressions, Data Structures, Algorithms, Object Oriented Programming

Responsive Web Design

freeCodeCamp HTML, CSS, Forms, Accessibility, Responsive Web Design

Foundations of UX Design

Coursera / Google
Basics of user experience design

HTML, CSS & JavaScript for Web Developers

Coursera / John Hopkins
University
Git, Basics of HTML, CSS & JavaScript

EXPERIENCE

Regal Rexnord

Regal is a leading manufacturer of electric motors, electrical motion controls, power generation and mechanical power transmission products serving markets throughout the world.

Automation Engineer - Beloit, WI

2013 - 2016

Recruited to implement automation projects for manufacturing machines and assembly lines in Regal's facilities all across the United States.

- Defined design and process requirements for automation projects in collaboration with plant personnel and automation system integrators
- Generated 90k in savings by automating manual task of motor shaft machining through robotics
- Motor assembly process automation by combining pre-assembly to achieve single-piece flow and a saving of approximately 300k

Honeywell | Intelligrated

Honeywell Intelligrated designs, manufactures, integrates and installs complete material handling automation solutions.

Commissioning Engineer - St. Louis, MO

Jan 2013 - Oct 2013

Recruited to implement mechanical & electrical installation for material handling systems for customers all across the United States.

- Commissioned conveyor and other material handling systems at sites in USA and Canada. This involved inspection of completed installations to ensure conformance to design and equipment specifications and compliance with operational and safety standards
- Wrote system operation manuals for conveyor and palletizing systems
- Trained customers on-site with operating instructions and maintenance needs of the system

ACADEMIC RESEARCH

Computerized Medical Imaging Lab

Worked as a research assistant while completing my Master's thesis with Dr. Moss at Missouri University of Science and Technology

Research Assistant - Rolla, MO

Jan 2010 - Dec 2012

- Developed a Matlab based algorithm to detect structures called cloudy & starry milia-like cysts occurring in skin lesion images
- Developed templates for enabling character recognition for a pill identification database
- <u>Key:</u> Matlab, Computer Vision, Digital Image Processing

OTHER INTERESTS

Making art • Photography • Hiking with my dog • Blogging Volunteer to make art accessible within local community