


## SUMMARY

A life-long engineer & full-stack web developer with strong analytical & problem-solving 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.

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

 [snehakmahajan.com](http://snehakmahajan.com)

 [github.com/sneham-boop](https://github.com/sneham-boop)

## SKILLS

### Languages

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

### Frameworks/Libraries

- Git / GitHub
- jQuery / 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

## FULL-STACK WEB DEVELOPER

✉ [hello@snehakm.com](mailto:hello@snehakm.com)

☎ 905-867-8896

Milton, ON 

[linkedin.com/in/mahajansneha](https://linkedin.com/in/mahajansneha) 

## PROJECTS

### WeHike

[Link](#) 

- Find hiking events near you or create new events for others to join
- Spearheaded a team of 2 and built the database and server API
- Conceptualized the front end and brought app to life with Canva
- Stack: ReactJS, Google Maps API, Axios, Node, Bcrypt, Postman, PostgreSQL

### Interview Scheduler

[Link](#) 

- Schedule & track interviews for every day of the week
- Developed with a test driven development approach and component based UI design
- Stack: ReactJS, SASS, NodeJS, PostgreSQL, Cypress & Storybook

### Colourly

[Link](#) 

- See popular colour palettes and save your favourites. You can also create your own with this app. Inspired by the Coolers tool.
- Designed the server & database end with CRUD functionality and user authentication
- Stack: HTML, CSS, JavaScript, jQuery, AJAX, Node, PostgreSQL

## EXPERIENCE

### Nord Drivesystems

[Link](#) 

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

Sr. Application Specialist – Toronto, ON

2019 – Present

Application Engineer – Madison, WI

2016 – 2019

- Developed program templates (programmable logic controller & human machine interface) for customer to integrate Nord's electronic products in their automation systems.
- Mentored a team of 3 engineers for networking and programming related support for electronic applications
- Engineered a system to grab critical IOT data over ethernet at the rate of 3 times/sec for a million-cycle test via PowerShell scripting
- Cultivated awareness about electronic products and features within Nord and budding customers

## **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 digital 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**

[Link](#) 

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

- Programmed motion path of a collaborative robot to automate parts machining process which resulted in 90k of yearly savings
- Developed design and process requirements for automation projects in collaboration with plant personnel & system integrators
- Negotiated funding for automating motor assembly process with a potential yearly saving of approx. 300k

### **Honeywell | Intelligrated**

[Link](#) 

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

Commissioning Engineer – St. Louis, MO

2013

- Resolved issues that came up during installation and start up of material handling systems at sites in USA & Canada.
- Guided & trained customers on operation & maintenance of conveyor and palletizing systems
- Consulted regularly with project leads on status of project & tasks

## **ACADEMIC RESEARCH**

### **Computerized Medical Imaging Lab**

[Link](#) 

I was a research assistant while completing my Master's thesis with Dr. Moss at Missouri University of Science and Technology. This is where my interest in programming and visuals intersected.

Research Assistant – Rolla, MO

2010 – 2012

- Explored statistical data for identifying benign skin lesions
- Identified key features to recognize skin structures called cloudy & starry milia-like cysts in lesion images
- Developed a Matlab algorithm based on template matching to detect cloudy milia like cysts with a 90% accuracy

## **INTERESTS**

- Making art
- Photography
- Hiking with my dog
- Blogging about creativity
- Volunteering to make art more accessible in local community