

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.

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.

 snehakmahajan.com

 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

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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 VFD networking and programming related support
- Engineered a system to grab critical operational data from VFD at the rate of 3 times/sec for a million-cycle test via PowerShell scripting

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

[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

- Developed design and process requirements for automation projects in collaboration with plant personnel & system integrators
- Generated 90k in savings by automating manual task of motor shaft machining through robotics
- 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 an 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