

SUMMARY

I am 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 and practice these skills ever since.

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

SKILLS

Languages

- Javascript
- SQL
- CSS / SASS
- HTML
- Ruby

Frameworks/Libraries

- jQuery
- NodeJS / Express
- ReactJS
- AJAX
- PostgreSQL
- MongoDB
- WebAPIs

EDUCATION

Mar 2022 – Oct 2022

Diploma in Full Stack Web Development

Lighthouse Labs, ON, Canada

2010–2013

MS in Electrical Engineering

Missouri University of Science and Technology, MO, USA

2005–2009

BS in Electronics and

Telecommunications Engineering
University of Pune, MH, India

OTHER INTERESTS


Making art • Hiking with my dog
Photography • Blog about creativity
Volunteer to make art accessible within local community

Sneha Mahajan

FULL-STACK WEB DEVELOPER

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PROJECTS

Colourly

LIVE 

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

TECHNOLOGIES

JavaScript, HTML, CSS, jQuery, AJAX, Node, PostgreSQL

weBike

LIVE 

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

TECHNOLOGIES

ReactJS, SASS, Node, PostgreSQL, Google Maps API, Twilio API

ParkEAT

LIVE 

An app that allows users to search and save popular eating spots near safe and reliable parking spaces in Toronto.

TECHNOLOGIES

ReactJS, SASS, Node, Google Maps API, MongoDB

EXPERIENCE

Nord Gear Limited

Sr. Application Specialist – Control Products
Application Engineer – Control Products

Canada | Present
USA | 2016–2019

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

Regal Beloit Corporation

Automation Engineer – Advanced Manufacturing

USA | 2013–2016

- 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