Sneha Mahajan
FULL-STACK WEB DEVELOPER

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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 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.

SKILLS

Languages
- JavaScript
- SQL
- CSS / SASS
- HTML / EJS
- Ruby

Frameworks/Libraries
- jQuery
- NodeJS / Express
- Ruby on Rails
- 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

PROJECTS

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

TECHNOLOGIES   ReactJS, Google Maps API, Axios, Node, Express, PostgreSQL

Interview Scheduler   GitHub
Interview Scheduler is single page ReactJS app that allows users to schedule interviews for the week.

TECHNOLOGIES   ReactJS, Axios, SASS, Node, Jest, Cypress, Storybook

Colourly   GitHub
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

EXPERIENCE

Nord Gear Limited
Sr. Application Specialist - Control Products   Canada | Present
Application Engineer - Control Products   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