MANSVINI AGGARWAL

Full-Stack Software Engineer

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SUMMARY

A problem-solver with 2 years of experience in leading businesses looking to leverage communication skills as a software/full-stack engineer. Coding since the age of 11 with experience in building complex modules optimised for performance, deploying projects, and scaling them using best practices. B.Tech in Electronics & Communications Engineering.

FIND ME ONLINE

🌐 **Portfolio**
https://mansvini.netlify.app/

GitHub
https://github.com/Mansvini

PROFESSIONAL EXPERIENCE

Open Source Contributor

Zero To Mastery   11/2021 - Ongoing

A global open source playground for the coding community

- Collaborated with community managers and developers from around the world on **GitHub** and Discord.
- Contributed to ZTM Job Board project using **SCSS, HTML & JavaScript**.
- Participated in the Animation Nation Hacktober challenge.

Co-founder

Health Blis   12/2019 - 09/2021

A B2B startup in the pharma industry

- Handled end-to-end design and development of websites while regularly updating and maintaining them.
- Tested, deployed and observed content management systems on production servers to get a better **User Experience**.
- Communicated and collaborated with 200+ stakeholders to build a supply chain that led to an ROI of 16% within 3 months.

Core Team Member

Honest Farmer   06/2018 - 03/2019

A startup to supply produce from farms to customers within 24 hours of harvesting

- Solved the problem of drain water irrigation and food traceability by building the world's fastest 100% traceable food supply chain.
- Worked with the core team while managing a team of 6-8 people.
- Brainstormed solutions creatively while handling operations.
- Acquired 200+ customers from a single locality through communication and marketing which converted to 30% regular customers.

Information Technology (IT) Intern

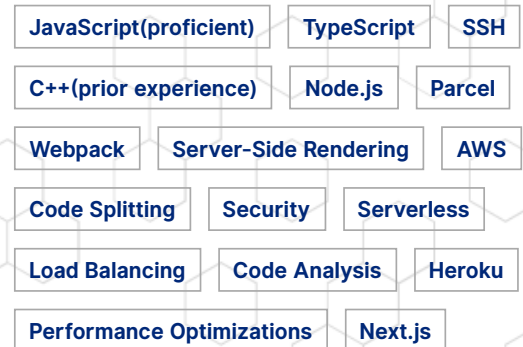**Oil & Natural Gas Corporation (ONGC)**   06/2017 - 07/2017

- Learnt the functioning of ONGC, **SAP ERP**, and **SAP ABAP**.
- Built an **Online Quiz Software** on SAP using the ABAP language.

Embedded Systems Intern

IBM   06/2016 - 07/2016

- Learnt about the practical applications of **Embedded Systems**.
- Built the project **Data monitoring using GSM Module** with **AVR AT Mega 16**, **sensors**, **GSM module** and **C++**.

TECHNICAL SKILLS

JavaScript(proficient) | TypeScript | SSH

C++(prior experience) | Node.js | Parcel

Webpack | Server-Side Rendering | AWS

Code Splitting | Security | Serverless

Load Balancing | Code Analysis | Heroku

Performance Optimizations | Next.js

PROJECTS

Smart Brain using ML API

https://mansvini.github.io/smartbrainfrontend/
A **web app** built using **React** for the frontend, **Express** as **RESTful API** for the **backend** and **Postgresql** as a **relational database**. Stores **hashed passwords securely**. Backend **deployed** on **AWS (Lambda & EC2)**. Integrated with **JWT** and **Redis (non-relational database)** for **session management**, and **Docker**.

Robofriends

https://mansvini.github.io/RobofriendswithRedux/
A **Progressive Web App (PWA)** built with **React JS** and **Redux** which fetches users (robots) from an API. It is **performance-optimized** and integrated with **CircleCI** for **CI/CD**, **Jest** for **testing**, and **Tachyons** for **styled-components**.

EDUCATION

Computer Science

Zero to Mastery Academy

10/2021 - 04/2022

B.Tech-Electronics & Communications (ECE)

Guru Gobind Singh Indraprastha University

09/2014 - 08/2018

VOLUNTEERING

Volunteer

The Art of Living

06/2018 - Ongoing

- Taught about the importance of mental health to 250+ youth.
- Worked with a team and mentors to conduct events for various social causes.
- Continuously organised 10+ workshops for 150+ participants.