

# SURAJ DARADE

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## EDUCATION

D. Y. Patil College of Engineering, Akurdi, Pune, MH, IN

Nov 2022 – June 2025

Bachelor of Engineering in Computer Engineering

CGPA 9.19

Government Polytechnic, Nashik, MH, IN

August 2019 – August 2022

Diploma in Information Technology

94.50 %

## TECHNICAL SKILLS/COURSEWORK

**Programming Languages:** C++, Java, C, JavaScript, TypeScript

**Databases:** MySQL, MongoDB

**Web Technologies/Frameworks:** NodeJS, ReactJS, ExpressJS, REST API, PHP, Bootstrap, Tailwind CSS

**Developer Tools:** Git, GitHub, Postman, Visual Studio Code

**Coursework/Miscellaneous:** Object-Oriented Programming, Operating System, Computer Networks, System Design, Database Management System

## EXPERIENCE

Diginspire Solution Pvt. Ltd.

Dec 2023 – Mar 2024

Full Stack Web Developer Intern - MERN

Remote - Rohtak, Haryana, MH, IN

- Successfully **migrated** an existing website from **PHP and MySQL** to the **MERN stack** (MongoDB, Express.js, React.js, Node.js), enhancing performance and scalability.
- Collaborated with **cross-functional teams** to develop **RESTful APIs** for efficient client-server communication.
- Implemented the **MVC architecture** in the **MERN stack**, ensuring a clear separation of concerns and improving code maintainability.

TechTrade Hackathon (2nd Runner Ups)

Feb 2024

One Day Inter College Hackathon

DYPCOE, Pune, MH, IN

- Addressed **elderly care needs** like social isolation, healthcare monitoring, and medication management.
- Engineered a MERN stack web app for medication alerts, **personalized music/book recommendations**, and a partially completed **chat** feature for **social interaction** (due to time constraints).

## PROJECTS

Sortilizer | ReactJS - TypeScript

[Live](#) | [Code](#)

- Engineered a **sorting algorithm visualizer** for Bubble Sort, Heap Sort, Insertion Sort, Merge Sort, Quick Sort and Selection Sort.
- Enabled changing array sizes to demonstrate sorting algorithm performance.
- Utilized **TypeScript with ReactJS**, offering **insights** into the **working of each sorting algorithm** and **shuffling array values** for a deeper understanding.

Shortify (URL Shortener) | ReactJS, NodeJS, ExpressJS, MongoDB, Google OAuth

[Live](#) | [Code](#)

- Developed and implemented a **highly efficient** and user-friendly URL shortener, utilizing **cutting-edge technologies**, resulting in streamlined link trimming.
- Shortify features include **custom URLs**, **protected links**, link tree organization, **click analysis** and single tap **OAuth Login**, enabling secure and efficient link sharing while providing valuable data-driven insights for improved strategies.

Daily Connect | Socket.io, AWS S3, ReactJS, NodeJS, ExpressJS, MongoDB, ReduxJS Toolkit

[Live](#) | [Code](#)

- Developed a robust **real-time communication** platform using **Socket.io**, enabling seamless and instant chat functionality among users.
- Integrated **AWS S3** to store user profiles, images, and videos shared in chat for secure and scalable storage.
- Utilized ReactJS, NodeJS, ExpressJS, MongoDB, and **ReduxJS Toolkit**, with **TypeScript** used on both client and server sides. Deployed on **Vercel** for seamless deployment and scalability.

## ACHIEVEMENTS

BE/Diploma/School

- 2024 - **Current Rank 3** Class Topper in **Computer Engineering**
- 2022 - **Diploma Rank 5** Class Topper in **Information Technology**
- 2022 - **College Level Rank 2**, **Smart India Hackathon 2022**
- 2019 - **Secondary School Certificate** Board Examination **Rank 3** School level