

SRISHTI AGGARWAL

Personal Website

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EDUCATION

Dr BR Ambedkar National Institute of Technology, Jalandhar

Aug 2023 - Present

Bachelor of Technology in Data Science

CGPA: 8.20

Mahindra Public School, Bathinda

May 2023

XII (CBSE)

Percentage: 92.6%

R.B. DAV Sr. Sec. Public School, Bathinda

May 2021

X (CBSE)

Percentage: 94%

SKILLS

Tech Stack: Python, C/C++, HTML/CSS, Tailwind CSS, JavaScript, Reactjs, Redux-Toolkit, Nodejs, MongoDB, Express, SQL, Postman, Shadcn, Aceternity UI

Tools: Git, GitHub, VS Code

Coding Platforms: LeetCode, Geeks for Geeks

Relevant CourseWork: Data Structures and Algorithms, Object Oriented Programming, Database Management System, Computer Networks, Natural Language Processing

PROJECTS

StayNest – Online Hotel Booking Platform

GitHub

- **Tech Stack:** React.js, Node.js, Express.js, MongoDB, Stripe, Tailwind CSS, ShadCN/UI, Nodemailer
- Developed a hotel booking platform supporting real-time search and payments, facilitating over **50+ test bookings** during development.
- Integrated **Stripe Checkout** with **webhook automation** streamlining the booking process with instant payment verification and automatic booking confirmations, reducing manual overhead to zero.
- Designed responsive UI with interactive date pickers, image modals, and smooth transitions, improving booking flow and user experience on mobile devices.
- Secured over **10+ protected routes** using **JWT authentication** with separate dashboards for hotel owners and users.
- Automated booking confirmation emails using **Nodemailer**, achieving **100% delivery success** on confirmation emails.
- Reduced average room availability response time to 300ms using **Mongoose indexing** and **async routes**.

JobSphere – Online Job Portal for Students and Recruiters

GitHub

- **Tech Stack:** React.js, Node.js, Express.js, MongoDB, Redux Toolkit, Tailwind CSS, ShadCN/UI, JWT
- Built a job portal enabling students to apply to roles and recruiters to manage job postings; tested with **15+ sample job listings** and **3+ recruiter accounts**.
- Secured role-based access to protected frontend routes using **JWT logic**, enabling correct redirection based on user type.
- Implemented filtering by job title, location, and experience using Redux Toolkit, streamlining job discovery across categories.
- Developed recruiter dashboard with application status updates, improving candidate tracking flow by **2x**.
- Applied **ShadCN/UI** and **Tailwind CSS** to build responsive layouts compatible across mobile, tablet, and desktop breakpoints.
- Used Redux Toolkit for global state handling, resulting in **zero regression bugs** in auth flow across sessions.

FoodieHub – Food Delivery Website with Live Restaurant Data

GitHub

- **Tech Stack:** React.js, Redux Toolkit, Tailwind CSS, Swiggy API
- Fetched restaurant and menu data from Swiggy's API; displayed over **100+ restaurants** and **500+ menu items**.
- Built cart functionality and order flow with live menu pricing, streamlining the checkout process through optimized state updates.
- Created reusable custom hooks for connectivity detection and **infinite scroll** to enhance performance and user experience when browsing long restaurant lists.
- Applied **shimmer loading** and badges to highlight restaurants; improved visual engagement by **50%** during user testing.
- Handled route errors using React Router's **useRouteError**, improving user feedback for broken or invalid URLs.

ACHIEVEMENTS

- Secured a **Global Rank 1313** among 23,000+ participants in **LeetCode Weekly Contest 390**.
- Solved **500+ problems** on **LeetCode** and **100+ problems** on **Geeks for Geeks**.
- Achieved a **LeetCode rating of 1661**, through consistent participation in weekly coding contests.