

SONU YADAV

+91 8239917180 ✦ Rajasthan, India

yadavsonu.in1999@gmail.com ✦ [LinkedIn](#) ✦ [GitHub](#)

Summary

Versatile and growth-driven **Software Developer** with a passion for building intuitive, high-performance web applications. I specialize in modern frontend development and have experience across the full stack, including deployment and DevOps workflows.

EDUCATION

Degree / Class	Institute / School	Year	CGPA / %
B.Tech in Computer Science Engineering	Puducherry Technological University	2020–2024	7.87
CBSE (XII)	Jawahar Navodaya Vidyalaya (Bikaner)	2017–2018	76.4%
CBSE (X)	Jawahar Navodaya Vidyalaya (Bikaner)	2015–2017	89.30 %

EXPERIENCE

Frontend Developer — [Zbiz](#)
Zemuria, Pondicherry

Sep 2024 – Present

- Spearheaded development of a modern, responsive e-commerce platform using **Next.js**, **TypeScript**, and **Tailwind CSS**.
- Implemented advanced features like product **filtering**, **search autocomplete**, **wishlist**, and real-time inventory updates.
- Optimized Lighthouse scores to above 90 through image lazy loading, SSR caching, and tree shaking.
- Built and maintained component libraries with reusable design patterns ensuring faster development cycles.
- Ensured web accessibility (WCAG 2.0 compliance) and mobile responsiveness across all devices.
- Integrated **Razorpay** and **Stripe** payment gateways with secure token-based authentication.

MERN Stack Developer — [e-Learning Platform](#)
Trando (IT Services & Consulting), Noida

Jan 2023 – Aug 2024

- Developed and deployed a full-stack UPSC learning platform catering to over 5K+ users.
- Integrated dynamic test modules with auto evaluation, rankings, and detailed analytics using MongoDB aggregations.
- Designed role-based dashboards for Admin, Faculty, and Students to manage content, tests, and feedback.
- Wrote optimized RESTful APIs in Node.js to handle concurrent student submissions with 10K+ daily requests.
- Enhanced performance by indexing queries, introducing pagination, and leveraging async processing.
- Collaborated using GitHub Projects and agile sprints to deliver new features weekly.

Freelance Full Stack Developer — **Disease Predictor Web App**
Alimze Predictor

Feb 2022 – Oct 2022
Remote

- Built a medical data prediction platform where users submit health symptoms and personal info through an interactive UI built in **React.js** and **Tailwind CSS**.
- Developed a backend using **Node.js** and **Express.js** that securely routed the data to a **transcriber ML model API**, which identified potential diseases based on user inputs.

- Integrated secure endpoints and a doctor dashboard where professionals could review the ML predictions and give real-time responses.
- Improved UX with clear form validation, auto suggestions, and simplified symptom selection workflows.
- Contributed to model integration logic, form-data structuring, and designed an alert system for high-risk results.

PROJECTS

Fullstack Blog Post Website [\[GitHub Repository\]](#)

- Developed a dynamic blog platform allowing users to register, log in, and post blogs with rich-text formatting using **React Quill**.
- Implemented secure user authentication and role-based access using **JWT** and password hashing.
- Built a custom dashboard for users to manage their blog posts (create, update, delete).
- Used **MongoDB** to store user and blog data, and **Express.js** to handle RESTful API operations.
- Designed responsive UI with **Tailwind CSS**, optimized for both desktop and mobile screens.

MERN BookStore Platform [\[GitHub Repository\]](#)

- Created a full-stack app to manage books, authors, and issue/return records for a digital library.
- Integrated secure login and registration functionality using JWT and encrypted passwords.
- Designed an intuitive **admin panel** to handle book stock, author details, and user management.
- Built backend APIs in **Node.js/Express** and structured the database using **MongoDB**.
- Developed a clean and responsive frontend using **React.js**, with clear separation of components.

React WebSeries App [\[Live Demo\]](#)

- Built a React SPA to browse and search web series data from the **TVmaze API**.
- Implemented live search, show previews, and detailed episode navigation.
- Used **React Hooks** for managing component state and lifecycle.
- Styled the app with **styled-components** for scoped and modular CSS.
- Deployed the project on Vercel with responsive design optimized for mobile.

SKILLS

Languages	C++, C, JavaScript, Python, TypeScript
Fundamentals	OOP, DSA, DBMS, Operating Systems, Networking
Frontend	HTML, CSS, React.js, Next.js, Tailwind CSS, Bootstrap
Backend	Node.js, Express.js, MongoDB, REST APIs
DevOps	Docker, GitHub Actions, CI/CD, Nginx, Linux, AWS (Basics)
Tools	Git, GitHub, VS Code, Postman, Figma, Vercel
Others	Responsive Design, API Integration, SSR, JWT Auth, Agile Development

CERTIFICATES

Human Behaviour (IIT Guwahati)	Scored 91% in behavioral science and cognitive theory
Soft Skills (IIT Roorkee)	Completed with 66% focus on communication, and time management

ACHIEVEMENTS

- **1100 International Rank** in Mathematics Olympiad by SOF