Sai Prasad Sahu

Full Stack Web Developer

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Skills

Languages	HTML5, CSS3, JavaScript (ES6+), SQL, MySQL, Pug
Frameworks & Libs	React.js, Node.js, Express.js, Bootstrap
Databases	MongoDB, MySQL
Cloud & Platforms	Amazon Web Services (AWS)
Tools & VCS	Git, GitHub, Postman API, VS Code, REST APIs
AI Dev Tools	ChatGPT, Gemini, Claude, DeepCode, Tabnine

Experience

Frontend Developer *Jan 2024 – Present*
Freelance (Self-Employed) Remote

- Designed and delivered responsive, pixel-perfect web interfaces for multiple clients using React.js and Bootstrap, reducing design-to-deployment cycle time by ∼**30%**.
- Integrated RESTful APIs and third-party services to build dynamic, data-driven SPAs, directly improving client user-engagement metrics by **25%**.
- Implemented performance optimizations—lazy loading, code splitting, and asset compression—cutting average page-load time by **40%** across client projects.
- Maintained clean, version-controlled codebases via Git/GitHub, enabling smooth client handovers and long-term maintainability.

Frontend Developer Intern *Jun 2024 – Mar 2025*
Vize Software Solutions India

- Collaborated with a cross-functional team to build and refine UI components in React.js, contributing to a **20%** improvement in overall application responsiveness.
- Consumed and tested backend REST APIs with Postman, ensuring seamless data flow between frontend and server layers with **zero** integration defects reported post-release.
- Translated Figma mockups into fully functional, cross-browser-compatible pages, delivering **100%** design fidelity across Chrome, Firefox, Safari, and Edge.
- Participated in weekly code reviews and contributed to an internal shared component library adopted across **3**+ company products.

Projects

Snake Game – Browser-Based Classic / *Vanilla JavaScript, HTML5 Canvas, DOM* 2024

- Re-created the classic Snake game using the HTML5 Canvas API and efficient DOM manipulation, achieving smooth **60 fps** gameplay with zero external libraries.
- Incorporated a real-time scoreboard, **3 difficulty levels**, and responsive keyboard/touch controls, demonstrating mastery of core JavaScript principles.

Responsive Personal Portfolio / *HTML5, CSS3, JavaScript* 2024

- Engineered a fully responsive portfolio with smooth scroll animations and an interactive project showcase, achieving a **Lighthouse score >90** on performance and accessibility.
- Applied advanced CSS (Flexbox, Grid, custom properties) for consistent cross-browser rendering on all major desktop and mobile environments.

World Corona Mapping – Real-Time Data Visualizer / *JavaScript, Mapbox API, REST API* 2023

- Built an interactive global COVID-19 tracker rendering **live** case counts, recoveries, and fatalities on a dynamic Mapbox map by integrating a public-health REST API.

- Implemented **color-coded choropleth layers** and interactive pop-up tooltips, making complex epidemiological data accessible for non-technical users.

Education

Master of Computer Applications (MCA) *2025 – Pursuing*
Indira Gandhi National Open University (IGNOU)

Bachelor of Technology in Computer Science *Graduated 2024*
ISBM University

Certifications

MERN Stack Development *Infosys, 2026*
Agile & DevOps Fundamentals *Infosys, 2026*
JavaScript – Advanced Concepts *Infosys, 2026*
AWS Cloud Foundations *Infosys, 2026*
React.js – Building Modern UI *Infosys, 2025*
Full Stack Web Development *Infosys, 2024*
Node.js – Server-Side Development *Infosys, 2024*

✍ *View all certificates:* Certificate Portfolio