

Technical Skills

Frontend: React.js, Next.js, HTML5, CSS3, JavaScript (ES6+), Responsive UI

Backend: Node.js (Express), RESTful APIs, MongoDB, MySQL, JWT Auth

Cloud & DevOps: Amazon Web Services (AWS), Docker, Vercel, CI/CD Pipelines, Git, GitHub Actions

Core Competencies: Full Stack Development, API Design, Cloud Deployment, Data Modeling, Performance Optimization, Agile Development, Debugging, Version Control, SDLC

Projects

Real-Time Weather App

2025

Live Demo • React.js, React Query, OpenWeatherAPI, AWS

- Developed a dynamic full-stack weather application for 500+ active users, reducing API data-fetch latency by 40%.
- Integrated REST APIs with React Query and caching strategies, achieving 95% forecast precision and high request efficiency.
- Implemented responsive UI design and error handling, improving session duration by 30% and reducing crash incidents by 60%.

eCommerce Price Tracker

2024

Live Demo • Next.js, Node.js, MongoDB, Express, Vercel

- Created a MERN-based full-stack price tracking system monitoring 1,200+ products with a 60% boost in accuracy.
- Deployed optimized server-side rendering and database queries, lowering API load time by 50%.
- Automated price-change notifications and integrated MongoDB triggers that enhanced user retention by 30%.

Tic-Tac-Toe Web Game

2023

Live Demo • HTML, CSS, JavaScript

- Built an interactive web game achieving 2,000+ global plays through visually adaptive and accessible UI components.
- Optimized scripts and event handlers improving load speed by 35% and reduced redundant triggers by 80%.

Professional Summary

Full Stack Developer with hands-on experience in designing and deploying scalable web applications using the MERN stack and AWS cloud infrastructure. Proficient in front-end frameworks, backend architecture, and RESTful API development with a focus on performance tuning and responsive UI design. Adept at collaborating in agile teams, managing cloud deployments, improving CI/CD pipelines, and creating maintainable production-ready codebases.

Certifications

- AWS Solutions Architect Associate – Amazon Web Services (2025)
- Oracle Certified Foundations Associate – Oracle (2025)
- Artificial Intelligence & Automation Practitioner – Infosys (2025)
- Machine Learning Certification – NPTEL (2025)
- Front-End Development (HTML, CSS, JavaScript) – Coursera (2024)
- Python Programming Certification – Vidyarthi (2024)
- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional – Oracle (Oct 2025)
- Oracle Cloud Infrastructure 2025 Certified Multicloud Architect Professional – Oracle (Oct 2025)

Extracurricular Activities

- Represented the state in national cricket tournaments; organized regional tech-sponsorship drives securing 4L+ for event logistics.
- Active NCC Cadet and certified marksman; developed strong discipline and goal-focused execution.
- Solved 200+ coding problems (92% accuracy) on LeetCode and GeeksforGeeks, focusing on DSA and algorithmic problem-solving.
- Mentored 3 hackathon teams; achieved 2 podium finishes by leading cloud automation and full-stack modules.
- Conducted programming bootcamps teaching 100+ students version control, APIs, and debugging fundamentals.

Education

Vellore Institute of Technology, Bhopal

2022 – 2026

B.Tech in Cloud Computing and Automation — CGPA: 7.47/10

Gaya College, Gaya

2021 — Senior Secondary (69.2%)

City Public School, Gaya

2019 — Secondary (83.9%)