

AJIT SARWADE

Full Stack Developer(MERN Stack) | Frontend Developer | Backend Developer | AI Agent Developer
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Professional Summary

Technically fluent Full Stack Developer with 2.5+ years of hands-on engineering experience building and shipping customer-facing web applications end-to-end. Skilled at translating business requirements into technical specifications, architecting scalable APIs and data models, and collaborating with cross-functional stakeholders to drive features from concept to production. Experienced in Agile/Scrum delivery, responsive front-end design, robust API/data architecture, and AI-driven workflow automation (OpenAI APIs, n8n) as an AI Agent Developer. Seeking to leverage strong full-stack engineering depth and a track record of shipping production-grade features to drive impact as a Software Developer.

Technical Skills

Programming Languages: JavaScript (ES6+), TypeScript, SQL

Frontend: React.js, Next.js, Redux Toolkit, HTML5, CSS3, Tailwind CSS, Bootstrap, Responsive Web Design

Backend: Node.js, NestJS, Express.js, RESTful APIs, JWT Authentication, Role-Based Access Control (RBAC), Socket.IO, Redis

Databases: MongoDB, MySQL, PostgreSQL, Mongoose

Cloud & DevOps: AWS (EC2, S3, IAM), Git, GitHub, CI/CD, Linux

AI & Automation: OpenAI API, AI Agents, n8n Workflow Automation, Prompt Engineering

Tools: Postman, VS Code, GitHub Actions, npm

Software Engineering: Object-Oriented Programming (OOP), SDLC, System Design, API Integration, Performance Optimization, Debugging

Professional Experience

Software Developer

Sep 2024 – Present

Appristine Technology, Pune

- Designed and developed scalable full-stack web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js) for clients across multiple business domains.
- Built reusable, responsive React.js components with Tailwind CSS, improving UI consistency, maintainability, and overall user experience.
- Developed secure RESTful APIs using Node.js and Express.js with JWT Authentication, Role-Based Access Control (RBAC), and robust validation mechanisms.
- Integrated MongoDB and MySQL databases, optimizing schemas and queries to improve application performance and scalability.
- Implemented AI-powered features using OpenAI APIs and automated business workflows through n8n, reducing manual effort and improving operational efficiency.
- Developed real-time functionalities including notifications and live updates using Socket.IO and WebSockets.
- Deployed and managed applications on AWS services (EC2, S3, IAM), ensuring reliable hosting, storage, and secure access management.
- Established Git-based development workflows, collaborated through Agile/Scrum ceremonies, participated in sprint planning, code reviews, testing, and production deployments.
- Improved application performance through API optimization, lazy loading, database indexing, caching strategies, and frontend performance enhancements.
- Collaborated with cross-functional teams to gather requirements, deliver high-quality features, resolve production issues, and ensure timely project delivery.

Software Developer

Nov 2023 – Aug 2024

Yash Info Solution Services, Pune

- Built responsive, user-facing web applications, incorporating usability feedback into iterative UI improvements.
- Delivered backend modules and APIs supporting core business functionality across products.
- Managed and optimized MongoDB/MySQL data layers to support product scalability.
- Resolved production issues and improved cross-browser reliability, directly impacting end-user satisfaction.

Product Case Studies

PropNest AI – Smart Real Estate Platform

MERN Stack / OpenAI / AWS / n8n

- Developed a scalable full-stack real estate platform using React.js, Node.js, Express.js, MongoDB, and TypeScript for buying, selling, and renting properties.
- Built secure RESTful APIs with JWT Authentication and Role-Based Access Control (RBAC) to manage Admin, Agent, and Customer access.
- Integrated OpenAI APIs to build an AI-powered property assistant capable of recommending properties based on user preferences and natural language queries.
- Automated lead assignment, follow-up notifications, and customer workflows using n8n automation.
- Developed real-time chat and instant notifications using Socket.IO for seamless communication between customers and property agents.
- Optimized MongoDB queries, API response times, and frontend rendering to improve overall application performance.
- Deployed application services on AWS (EC2, S3, IAM) and managed version control using Git and GitHub.

SnapBook Pro – Photographer Booking Platform

MERN Stack / AWS

- Built a full-stack booking platform enabling users to discover photographers, schedule appointments, and manage bookings online.
- Designed responsive user interfaces using React.js, Tailwind CSS, and Redux Toolkit for an enhanced user experience.
- Developed scalable backend services using Node.js and Express.js with secure JWT-based authentication and RESTful APIs.
- Managed application data using MongoDB and optimized database queries for faster booking and search operations.
- Implemented booking management, invoices, availability scheduling, ratings, reviews, and role-based dashboards.
- Integrated AWS S3 for secure image storage and deployed application updates following Git-based workflows.
- Improved application reliability through debugging, API optimization, and cross-browser compatibility enhancements.

Education

Bachelor of Computer Science

Swami Ramanand Teerth Marathwada University

2018 – 2022

CGPA: 8.44 / 10

Certifications

Full Stack Java Developer – QSpiders, Pune

Additional Strengths

Problem Solving | Stakeholder Communication | Ownership & Accountability | Cross-functional Teamwork | Fast Learner
| Data-Driven Thinking