SHEETAL JATAV

+91-8015683486 | sheetal4444jatav@gmail.com | linkedin.com/in/sheetal-jatav | github.com/sheetaljatav

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, SQL, HTML, CSS
Frontend: React.js, Responsive Design, REST API Integration
Backend: Node.js, Express.js, RESTful API Development
Databases: PostgreSQL, MongoDB, Firebase
DevOps & Tools: Git, GitHub, Docker, GitHub Actions (CI/CD), Postman, npm
Cloud & Concepts: Google Cloud Platform (certified), OOP, DSA, Microservices, Agile
Familiar with: Kubernetes, AWS basics, Automated Testing

EXPERIENCE

VixTrade Feb 2026 – Present
Software Developer

- Develop Python-based automation systems for a trading platform, including a modular backtesting engine processing 5 years of historical market data on 3-minute intervals.
- Build the JavaScript frontend dashboard for strategy visualization and integrate it with backend services through REST endpoints.
- Implemented an automated equity scalping system that reduced manual execution effort by 40%.

Code Clause Sep 2025 – Oct 2025
Full Stack Web Development Intern

- Built full-stack applications using React.js on the frontend and Node.js, Express, and MongoDB on the backend.
- Developed and integrated RESTful APIs to connect frontend interfaces with backend services, ensuring consistent data flow.
- Participated in code reviews and debugging across the stack in development and staging environments.

Unified Mentor Oct 2024 – Jan 2025
Full Stack Web Development Intern

- Contributed to dynamic web applications using React.js, JavaScript, HTML, CSS, and Firebase for authentication and real-time data.
- Implemented reusable React components and integrated frontend with backend services.
- Followed Git-based collaborative workflows including branching, pull requests, and team code reviews.

PROJECTS

DSA Mastery Portal | *React.js, Node.js, Express.js, REST APIs, Firebase, Docker, GitHub Actions, OpenAI API*
Live Demo: https://dsahelper.onrender.com/ | GitHub: github.com/sheetaljatav

- Built a full-stack DSA learning platform with React frontend and a modular Node.js/Express backend organized into domain-separated service layers (auth, notes, questions, concepts) for clean separation of concerns.
- Designed RESTful APIs and integrated an OpenAI-powered chatbot delivering instant explanations, reducing query resolution time by 50%.
- Containerized the application with Docker and configured a GitHub Actions CI/CD pipeline for automated build, test, and deployment.

AI-Powered Interview Assistant | *React.js, Express.js, MongoDB, JWT, Google Gemini API*
Live Demo: https://hire-wire-two.vercel.app/ | GitHub: github.com/sheetaljatav

- Developed a full-stack interview platform generating dynamic questions, scoring responses, and providing AI-driven feedback via Google Gemini API.
- Implemented JWT-based authentication and resume parsing to securely manage 100+ candidate profiles on a MongoDB-backed system.
- Built a responsive React dashboard and REST API layer for question delivery, scoring, and feedback flows.

ACHIEVEMENTS & CERTIFICATIONS

- Published "Botnet Attack Detection Using Deep Learning in IoT Networks" at IEEE ICCCNT 2024 (Paper ID: 1776) — built a deep learning anomaly-detection framework using TensorFlow, LSTM, and CNN, achieving 27% accuracy improvement.
- Certifications: Google Cloud Platform (Coursera); Machine Learning — Stanford University (Coursera).

EDUCATION

SRM Institute of Science and Technology Sep 2020 – May 2024
Bachelor of Technology in Computer Science and Engineering *Chennai, India*