

NISHANT SENGAR

Full Stack Developer • React / Node.js / AI-ML

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PROFESSIONAL SUMMARY

Results-driven Full Stack Developer (B.Tech 2026) with 6+ months of hands-on internship experience building production-grade web apps and AI-powered systems. Delivered OCR pipelines, responsive React UIs, and real-time data dashboards across service-based and product environments. Writes clean, tested, version-controlled code that ships on time.

WORK EXPERIENCE

Full Stack Developer Intern | Vishvena Techno Solutions

Mar 2026 – May 2026

- Engineered an OCR document-processing pipeline using ML/DL models, cutting manual data-entry effort by ~70% and reducing text-extraction errors to under 5%
- Optimized API endpoints and data pipelines, improving OCR throughput by 40% and reducing average processing time from 8 s → under 5 s per document
- Integrated image-preprocessing (noise reduction, deskew, binarization) that boosted model recognition accuracy by 15 percentage points on scanned PDFs

Frontend Developer Intern | Cargo Matters

Nov 2025 – Mar 2026

- Delivered 12+ pixel-perfect React components converted directly from Figma designs, reducing designer-developer revision cycles by 50%
- Resolved 30+ UI bugs and optimized bundle loading, cutting page load time by ~35% and improving Lighthouse performance score from 62 → 85
- Built a reusable TypeScript component library (hooks + context) adopted across 3 feature modules, reducing redundant code by ~25%

PROJECTS

Cab Sharing MERN Application | Personal Project

2025

- Built a full-stack ride-sharing app (MongoDB, Express, React, Node.js) with JWT-secured auth and RBAC, handling 3 distinct user roles
- Implemented REST APIs for real-time ride booking with <200 ms average response time under simulated load testing
- Maintained 100% Git commit hygiene with feature branching, PR reviews, and clean code practices across a 4-month build cycle

Real-Time Stock Market Dashboard | Personal Project

2024

- Integrated 2 financial APIs (live + historical data) to dynamically render stock prices, trend lines, and company KPIs with zero manual refresh
- Built 8 interactive Plotly/Matplotlib charts processing 10,000+ data points per session, enabling 5 distinct analytical views for trend analysis
- Automated Pandas data pipelines that reduced dataset pre-processing time from ~15 min → under 2 min per analysis run

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python

Frontend: React.js, Next.js, HTML5, CSS3, Plotly, Figma-to-code

Backend & APIs: Node.js, Express.js, Flask, FastAPI, REST

AI / ML: Machine Learning, Deep Learning, OCR, Scikit-learn, Pandas, NumPy

Auth & Security: JWT Authentication, Role-Based Access Control (RBAC)

Databases: MongoDB, SQLite
DevTools: Git, GitHub, VS Code, Postman

EDUCATION

B.Tech — Computer Science	2022 – 2026
Mangalmay Institute of Engineering and Technology	
Senior Secondary (XII)	2021 – 2022
Union Public School	

ADDITIONAL

Certifications: Advanced Python **Languages:** English (Professional), Hindi (Native)