

# Shantanu Sadafale

## Full Stack Developer

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## Professional Summary

Result-oriented Full Stack Developer with 2+ years of experience delivering robust, scalable, and high-performing web applications. Skilled in React.js, [Node.js](#), Mobile Apps Development and Microservices architecture. Proven track record of leading UI development and automating complex workflows. Experienced in deploying containerized applications to AWS cloud and working in Agile teams. Passionate about clean code and building business-driven digital solutions.

## Technical Skills

- **Languages & Frameworks:** JavaScript (ES6+), TypeScript, PHP (CodeIgniter)
- **Front-end:** React.js, React Native, Bootstrap, Tailwind CSS, HTML5, CSS3, AJAX, jQuery, Vite
- **Back-end:** Node.js, NestJS, Express.js, Microservices
- **State Management:** React Context API, Hooks, Redux (Basics)
- **Databases:** MySQL, PostgreSQL, Firebase Realtime Database
- **APIs & Integrations:** REST APIs, WhatsApp Interakt, Shiprocket, Bluedart, Porter, Google APIs, MSG91, Social Media (Facebook, Instagram, LinkedIn, X), NodeMailer
- **DevOps & Tools:** AWS (EC2, S3), Docker, NGINX, Apache, Jenkins (CI/CD), Git, GitHub, Netlify, Jest, Figma, Google Analytics, Firebase Cloud Messaging & Crashlytics

## Professional Experience

**Mangwale Pvt. Ltd.**, Full Stack Developer (Team Lead) – Nashik, MH | March 2025 – Present

- Pioneered development of a micro-frontend architecture using React.js and NestJS, streamlining onboarding of new developers and boosting front-end efficiency by 40%.
- Engineered the Track Dispatcher Portal, slashing dispatch time by 15 seconds and increasing order fulfillment rates by 12%; integrated real-time APIs with Porter and LoadShare.
- Developed the Mangwale V2 (PaaS) admin panel with modular e-commerce features. Deployed it on AWS using Docker containers and configured NGINX for high availability and scalability.
- Deployed containerized microservices (Java Spring Boot, Node.js) on AWS and implemented continuous integration/delivery pipelines with Jenkins and GitHub Actions.

**Avhad Enterprises**, Software R&D Executive – Nashik, MH | July 2024 – March 2025

- Built centralized social media automation tools and shipping integrations using React.js and PHP.
- Developed a dynamic collection engine and web configuration panel with Figma-accurate interfaces for enhanced user experience.

**ABB India Pvt. Ltd.**, Web Application Developer (Intern) – Nashik, MH | Aug 2023 – Feb 2024

- Created PowerApps and SharePoint-based automation tools for purchase systems.
- Delivered end-user training and achieved a 50% reduction in manual workload.

**Hindustan Aeronautics Limited (HAL)**, ERP Intern – Nashik, MH | May 2023 – Jun 2023

- Supported ERP system optimization and cross-departmental IT support tasks.

## Education

**Bachelor of Engineering (B.E.) in Computer Engineering**

Guru Gobind Singh College of Engineering & Research Centre, Nashik (2020 – 2024) | Percentage: 70.20%

## Project Highlights

- **Mangwale Rider App** – [partner.mangwale.com](https://partner.mangwale.com) | [track.mangwale.in](https://track.mangwale.in)  
Led a React Native app development with embedded WebView for partner tools; implemented real-time rider tracking, background location updates, and FCM push notifications. Integrated NestJS services, PostgreSQL, Firebase, and Exotel for seamless order acceptance and assignment flows, achieving ~15% faster deliveries.
- **Track Dispatcher Portal** – [track.mangwale.com](https://track.mangwale.com)  
Built with React.js and Node.js. Provided real-time tracking and automated order handling.
- **Driphunter Admin Panel** – [driphunter.in](https://driphunter.in)  
Developed a full-feature admin portal in React for managing offers, collections, and orders with responsive, Figma-accurate UI. Automated workflows via APIs (Instagram, Facebook, Shiprocket, Bluedart) to reduce manual operations by ~40%.
- **Sportzaaga E-commerce** – [test-zone.xyz/sportz\\_saga](https://test-zone.xyz/sportz_saga)  
Built a niche e-commerce platform (PHP, MySQL, HTML/CSS/JS, Bootstrap) for carrom boards & accessories. Integrated Shiprocket, Bluedart, Razorpay, Amazon APIs. Achieved a 30% QoQ increase in online sales.
- **Make My Video Portfolio** – [test-zone.xyz/mmvf](https://test-zone.xyz/mmvf)  
Created a portfolio website (HTML, CSS, Bootstrap, JavaScript, PHP CodeIgniter). Implemented manual, functional, and performance testing.

## Achievements

- Reduced dispatch time by 60% through process automation at Mangwale.
- Developed Shopify-like admin tools for multi-feature management.
- Runner-up in ABB India's automation software challenge.

## Languages

English (Fluent), Hindi (Fluent), Marathi (Native)