

# Akshad Apastambh

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## Experience

### Freelancer – Full Stack Web Developer

Jan. 2024 – Present

Remote

#### Vehicle Selling Platform – Automotive Marketplace

- Built a **comprehensive vehicle marketplace** using `Node.js`, `Express.js`, and `MongoDB` with advanced filtering system for vehicle type, price range, location, mileage, and custom search parameters
- Developed **responsive UI with Tailwind CSS** featuring dynamic inventory display, user authentication, and real-time search capabilities across desktop, tablet, and mobile devices
- Implemented **advanced performance optimization** including image compression, intelligent caching, and lazy loading, achieving **40%+ improvement in page load times**
- Created **automated inquiry management system** with email notifications, lead tracking, and customer-dealer communication workflows for enhanced user engagement

## Projects

### Legal Case Management System

Mar. 2025

*MERN Stack, Tailwind CSS, Nodemailer, Multer*

- Developed a **comprehensive role-based legal platform** serving three user types: **Admins** (case oversight), **Lawyers** (case management), and **Users** (Victim/Accused parties) with secure authentication and authorization
- Engineered **automated case workflow system** featuring document/video uploads via `Multer`, auto-generated hearing dates (1-30 days), and unique case tracking with `UUID`-generated PNR numbers
- Integrated `Nodemailer` for **real-time notifications** and `JWT` authentication, plus intelligent lawyer recommendation algorithm based on case type and expertise
- Built **interactive calendar scheduling** and comprehensive case tracking dashboard for efficient legal case lifecycle management

### AI-Powered GitHub Test Case Generator

Feb. 2025

*React.js, Node.js, GitHub API, AI Model Integration*

- Integrated **GitHub API for repository analysis** enabling developers to browse and select multiple files from their repositories for intelligent test case generation
- Implemented **AI-powered test generation engine** that analyzes code structure and generates comprehensive summaries for various testing frameworks (`JUnit`, `Selenium`, unit tests)
- Developed **automated GitHub PR creation feature** allowing users to automatically commit generated test files back to their repositories with customizable PR descriptions
- Designed **intuitive workflow interface** providing seamless file selection, AI summary review, complete test code generation, and optional repository integration in a single streamlined process

## Education

### Bachelor of Computer Science, Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded

Aug. 2022 – Jun. 2026

## Technical Skills

**Programming Languages:** Java, JavaScript, HTML, CSS, SQL

**Frontend Development:** React.js, Context API, Tailwind CSS, Material UI

**Backend Development:** Node.js, Express.js, MongoDB, Mongoose, REST API

**Cloud and DevOps:** Git, GitHub, Firebase, Vercel

**Tools/Technologies:** WebSocket, JWT, Multer, Socket.io, Postman

**Core Concepts:** Data Structures & Algorithms, OOP, SDLC

## Achievements

- Solved 350+ DSA problems on coding platforms.
- Led a team of 4 to deliver a full-stack application under tight deadlines.

## Leadership & Activities

- Active GitHub contributor focused on MERN stack and scalable applications.
- Comfortable working independently or in collaborative teams.