VISHAL LENGARE

fullstack developer

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Summary

Results-driven Full Stack Developer with over 2.9+ years of experience in building modern, scalable web applications using **React.js**, **Node.js**, **Express.js**, **Angular** and **MongoDB**. Proven expertise in developing secure REST APIs, responsive UI components, and containerized deployments with Docker. Hands-on experience with caching strategies using Redis, authentication mechanisms (JWT), and performance testing with Artillery and Autocannon. Passionate about delivering robust, maintainable, and efficient solutions.

Skills

Node.js · Express.js

React.js · Next.js · JavaScript (ES6+) · TypeScript · Redux · Tailwind CSS · Bootstrap · MUI · Angular · Angular Material

MongoDB · Mongoose · Redis · Queue

Docker · Postman · Git · Github

RabbitMQ · Kafka

RxJS · Artillery · Autocannon

JWT Authentication · HTTP-only Cookies

AWS (Basics) · EC2 · Route53 · LAMBDA Serverless · Media Convert Video Processing · Api Gateway · Load Balancer · S3 · Cloudwatch · Nginx · Reverse Proxy · Hosting · PM2

Experience

Techsunset — Bengaluru, Karnataka

fullstack developer — 11/2022 - Present

Techsunset is an IT company specializing in full-stack web development and cloud-based solutions. It delivers scalable digital products across various domains using modern technologies like React, Next.js, Node.js, and AWS.

- Developed and maintained full-stack applications using **React.js**, **Next.js**, **Node.js**, **Express.js**, **Angular** and **MongoDB**.
- Implemented secure authentication flows with **JWT**, and mobile-password login systems.
- Designed responsive and accessible UI components using React Hooks, Tailwind CSS, Bootstrap, Material UI (MUI), Ant Design, and Angular Material.
- Built and integrated **RESTful APIs** for core features like user management, file sharing, and notifications.
- Integrated **AWS S3** and **Cloudinary** for scalable file and image storage.
- Improved API response time by **30–40%** using **Redis** for caching and performance optimization.
- Used **Kafka** and **RabbitMQ** to implement event-driven architecture for real-time communication and async processing.
- Performed load testing with **Artillery** and **Autocannon** to ensure high performance under load.
- Dockerized applications for consistent deployment across development and production environments.
- Integrated **Razorpay** for online payments, handling user subscriptions and storage plans.
- **Integrated third-party services and APIs** (e.g., payment gateways, email/SMS services, cloud storage).
- **Collaborated with UI/UX teams** to translate wireframes into responsive, accessible front-end components.

Education

Punyashlok Ahilyadevi Holkar Solapur University — 07/2019 - 07/2022

Bachelor of Computer Science

Certification

•MERN Stack Web Development – WAP Institute

•Node Js – Namaste Node Js

Projects

HomeLane – Tech-Enabled Home Interiors Platform

A full-stack, technology-driven platform offering end-to-end home interior solutions—covering modular kitchens, wardrobes, living spaces, bathrooms, home offices, and more. The platform integrates design consultations (virtual/in-person), real-time 3D visualization (via their proprietary tool *SpaceCraft*), personalized quotes, project management, and delivery tracking, all designed for seamless user experience across web and showroom environments

Live url -https://www.homelane.com/

- Developed dynamic UI components for category browsing (e.g., Kitchens, Wardrobes, Living Rooms), estimate calculators, and consultation flows with responsive adaptability.
- Implemented form-based onboarding for virtual and in-person consultations, followed by seamless navigation into design states and project status dashboards.
- Built REST APIs to support hierarchical category management, estimate generation, project status updates, and consultation scheduling.
- Integrated **MongoDB/Mongoose** for multi-category product data and order tracking.
- Developed logic for user onboarding flows—capturing design preferences, floor plans.
- Designed collections to store catalogs (furniture categories, materials, pricing), consultation sessions, design snapshots, user profiles, and project timelines.
- Cached estimation results and category catalogs for quick subsequent retrieval and low-latency interaction during consultation sessions.
- Hosted assets on **AWS S3**, with optional CDN distribution.
- Containerized frontend and backend services using **Docker**, orchestrated deployment on **AWS EC2** instances behind **Nginx**.

FNP (Ferns N Petals) – India's Leading Gifting Platform

FNP is a high-volume e-commerce platform offering an extensive catalog of gifting categories—flowers, cakes, plants, personalized gifts, hampers, stationery, electronics, and more. It supports operations like same-day, midnight, and express delivery across India, along with international shipping. The system enables filtering by occasions (e.g., birthdays, anniversaries, festivals), gift types (flower bouquets, cakes, chocolates), delivery options, locations, and more.

Live URL: https://www.fnp.com/

- Built modular UI components for multi-layered navigation: occasion filters, gift categories, trending collections, and city-based availability (e.g., "Same Day" delivery indicators).
- Integrated dynamic search and filter options (price ranges, mid-night delivery, freebies) with smooth UI transitions and client-side state management.
- Designed responsive layouts that cater to mobile-first users, optimizing large image loads (product thumbnails, banners) via lazy loading.
- Created RESTful APIs for category-based product listing, occasion-specific filters, delivery slot validation, and real-time product availability.
- Used **Redis** for caching frequently-read content (news, homepage widgets) to reduce DB load.
- Implemented logic for various delivery types—same-day, midnight, express—including cutoff time checks, location verification, and time zone considerations.
- Handled high-volume product requests and applied caching strategies to reduce latency during promotions (e.g., Valentine's Day spikes).
- Designed schemas for products, categories, delivery options, city/area availability, and user sessions.
- Cached frequently accessed catalog pages (e.g., "Birthday Gifts," "Same-Day Delivery") to scale during peak traffic.
- Temporarily cached user filters and sessions to improve responsiveness across repeated navigations.
- Served static and media assets (product images, banners) via **AWS S3**, optionally accelerated with **CloudFront CDN**.
- Containerized services using **Docker**, deployed to **AWS EC2** behind an Nginx reverse proxy for SSL and load balancing.