



## 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 • Tailwind CSS • Bootstrap • MUI • Angular • Angular Material

MongoDB • Redis • Queue

Docker • Postman • Git • Github

RxJS • Artillery • Autocannon

JWT Authentication • HTTP-only Cookies

AWS (Basics) • EC2 • Route53 • LAMBDA Serverless • Media Convert Video Processing • Api Gateway • Load Balancer • S3 • Cloudwatch

### 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.

### 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

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## Magicpin

Magicpin is a local discovery and e-commerce platform where users can browse and purchase items across multiple categories like Restaurants, Fashion, Online Vouchers, Electronics, Beauty, Grocery, Pharmacy, Fitness, and Hotels. The platform supports item search, category filtering, adding products to the cart, applying discounts, and completing secure online payments. Users can also track their orders, manage addresses, and receive delivery updates.

Live url - <https://www.magicpin.in/>

- Developed React.js UI with dynamic category-based product listings, location-based filtering, and cart management.
- Created scalable **Node.js/Express.js APIs** for category management, product handling, and order processing.
- Integrated **MongoDB/Mongoose** for multi-category product data and order tracking.
- Implemented **OTP-based authentication** and **JWT tokens** for secure access.
- Used **AWS S3** for storing product and banner images.
- Applied **Redis caching** for location-based search results to improve performance.
- Containerized the application using **Docker** and deployed on **AWS EC2**.
- Enabled user review submissions, ratings aggregation, and building “Most Loved” or “Editor’s Picks” features.

## Amara Raja Group – Corporate Website

Developed a responsive corporate portal for Amara Raja Group to effectively showcase their diverse business verticals including batteries, electronics, infrastructure, and mobility solutions. The platform was designed with dynamic content sections such as leadership profiles, CSR initiatives, newsroom updates, and investor information to ensure comprehensive brand communication

**Live URL:** <https://www.amararaja.com/>

- Built responsive **React** frontend for business pages, leadership, newsroom and CSR sections; created reusable content components.
- Designed **Node.js + Express** APIs to serve dynamic content (news, business units, leadership profiles) and content-management endpoints for admins.
- Modeled content in **MongoDB** (collections for news, team, business units, CSR entries).
- Implemented **admin UI** (React) for non-technical content updates (CRUD for pages, press releases, images).
- Used **Redis** for caching frequently-read content (news, homepage widgets) to reduce DB load.
- Managed media assets via **AWS S3** and deployed backends on **AWS EC2** behind **Nginx**.
- Focused on performance (image lazy-load) and basic security (input validation, rate-limiting, helmet).

## ProFlowers

A responsive e-commerce platform that allows customers to browse flowers and gift items, filter by occasion or flower type, schedule same-day or next-day delivery (based on the recipient's time zone and cutoff thresholds), manage their carts and orders, and track shipments delivered via local florists or third-party carriers. The platform also includes a content management system (Florapedia blog) and promotional tools, all designed with scalability and high availability in mind

**Live:** <https://www.proflowers.com/>

- Developed modular UI components: product listing grid, dynamic filters (occasion, flower type, price, same-day delivery), cart interface, scheduled delivery picker, user reviews, and blog content rendering.
- Built responsive layouts (desktop & mobile) with lazy-loading of images and optimized state management using Redux (or Context API).
- Designed scalable REST APIs for product catalog queries, availability logic (same-day cutoff using recipient time zones), cart/session handling, order placement, and order tracking.
- Modeled delivery logic in the backend to dynamically check availability (e.g., orders placed before 2 PM PT qualify for same-day)
- Implemented scheduled deliveries with timezone-awareness and cutoff validations for both same-day and next-day shipping.
- Structured collections for products, categories, orders, users, delivery settings, and blog content.
- Indexed fields for quick filtering (category, same-day availability, occasion) to ensure low-latency queries.
- Designed schema to support multiple delivery types, scheduled fulfillment, and order status tracking.
- Cached frequent queries such as bestseller product lists, same-day availability flags, and occasion-based filters to reduce load during promotional spikes.
- Integrated payment gateway (Razorpay) using secure transaction APIs and webhook listeners for asynchronous order confirmation.