

MOHIT UPADHYAY

Full Stack Developer | Angular + Node.js | 4+ Years Experience | REST APIs | MySQL | MongoDB | AWS

Full Stack Developer with 4+ years of experience specializing in Angular, Node.js, and REST API development. Proven expertise in building scalable single-page applications, secure backend services, and enterprise-grade dashboards. Strong background in payment gateway integrations, cloud deployment (AWS), database optimization, and third-party API integrations.

Contact Information:

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Education:

Bachelor of Engineering in Computer Science
Shri Vaishnav Vidyapeeth Vishwavidyalaya | 2018 – 2022

Technical Skills:

Languages: TypeScript, JavaScript
Frontend: Angular, RxJS, Angular Material, HTML, CSS
Backend: Node.js, Express.js, REST APIs, JWT, OAuth 2.0
Database: MySQL, PostgreSQL, MongoDB
Payments & Integrations: Stripe, Amazon SP-API, Google Maps API, PixelPay
Tools & Practices: Git, GitHub, Postman, Swagger, Agile/Scrum
Cloud & Others: AWS
Architecture & Concepts: SPA, MVC, RBAC, Microservices (basic), API Security
Testing & Quality: Unit Testing, Code Reviews
DevOps & Deployment: CI/CD (basic), AWS EC2, S3, RDS

Work Experience:

Software Engineer (Full Stack), Mango IT Solutions, Indore, MP (India)
Feb 2022 – Present

- Collaborated across frontend and backend development, focusing on Angular-based UI development and REST API integration with Node.js.
- Designed and integrated RESTful APIs, resulting in a 15% reduction in average API latency.
- Implemented secure authentication and authorization using JWT and OAuth 2.0.
- Integrated payment gateways (Stripe, PixelPay) and third-party APIs (Amazon SP-API).
- Migrated legacy Angular applications to Angular 13+, improving maintainability and UX.
- Optimized MySQL and MongoDB queries, reducing data fetch time by 20%.
- Developed and maintained Angular Single Page Applications (SPA) using TypeScript, RxJS, and Angular Material.
- Mentored junior developers and conducted code reviews to improve overall code quality.

Projects:

Smart Rider (2025)

Built an AI-driven passenger engagement platform combining real-time transport data, interactive media, and advanced analytics to improve in-transit user retention and advertising effectiveness.

- Architected a scalable full-stack platform with a modern Angular-based frontend, Node.js (Express) backend, and MongoDB for real-time analytics.
- Implemented an intelligent content engine integrating OpenAI (GPT-3.5), Cohere AI, and Whisper to support multilingual and voice-based interactions.
- Integrated third-party APIs (Uber API, OpenAI API) for real-time data synchronization and AI-powered interactions.
- Developed a secure **RBAC system with JWT authentication** and designed normalized MongoDB schemas for users, quizzes, results, and translations.
- Created an **admin dashboard with amCharts 5 and ECharts**, delivering actionable insights into user growth, engagement, and system performance.

Tech Stack: Angular 19, Node.js (Express), MongoDB, REST APIs, JWT, Axios, amCharts 5, ECharts

Anything Roatan (2025)

Led frontend development of a **multi-module Angular application** including Restaurants, Activities, Events, Taxi, Insurance, Relocation modules.

- Integrated **PixelPay payment gateway** for activities, events, and taxi bookings, handling payment confirmation, failure scenarios, and transaction validation.
- Built **booking workflows** with pricing logic, participant capacity management, recurring events, and automated payment reminders.
- Developed a **real-time taxi booking system** with Google Maps integration for location detection, distance-based fare calculation, and ride flow management.
- Implemented **in-app chat functionality** for Taxi, Activities, Events, and Support with message persistence and real-time updates.
- **Tech Stack:** Angular, Ionic, CodeIgniter, Google Maps API, PixelPay

Nimbus Data (2024)

Led frontend development of a **large-scale enterprise storage management UI** built with Angular 19, handling **100+ screens** across system monitoring, configuration, and administration modules.

- Designed and implemented a **modular Angular architecture** with reusable components, shared services, guards, interceptors, and lazy-loaded modules.
- Developed **real-time dashboards and metrics** for controllers, drives, frames, pools, networks, sensors, and storage objects using charts and live API data.
- Implemented **complex CRUD workflows** with validations, bulk actions, and confirmation flows for critical operations like snapshots, clones, replication, wipe, reboot, and shutdown.
- **Tech Stack:** Angular 19, Angular Material, RxJS, REST APIs, Laravel/Lumen (PHP 8.4), MySQL

FBA System (2023)

- Engineered and integrated a **Stripe subscription model** for seamless payment processing, enhancing transaction reliability and scalability.
- Utilized **Amazon SP-API** to streamline order and inventory management, reducing manual oversight by 40%.
- Implemented a **Promocode feature**, increasing customer engagement and retention through discount campaigns.
- Automated product shop management using **Google Sheets integration**, enabling efficient data synchronization and real-time updates.
- Deployed and maintained applications on AWS, utilizing services such as EC2, S3, and RDS.
- **Tech Stack:** Angular, Angular Material, RxJS, amCharts, REST APIs, Node.js (Express), PostgreSQL.

Digital Health I-DAIR (2023)

- Developed a **large-scale Digital Health data visualization platform** using **Angular**, enabling global, country-wise analysis of National Digital Health Strategies.
 - Implemented **interactive dashboards** with **maps, bar charts, bubble charts, radar charts, and pie charts** for present and prospective development insights.
 - Integrated **REST APIs (NestJS backend)** to dynamically load and compare multi-year (2021–2022) health and IT data across countries.
 - **Tech Stack:** Angular, Angular Material, RxJS, amCharts, REST APIs, NestJS, PostgreSQL
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