

LAKSHAY MEHLA

Full Stack Developer

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ABOUT ME

Lead Full Stack Developer with 2.5+ years delivering B2B travel platforms end-to-end across React/Next.js, Node.js/Express, and MongoDB/PostgreSQL, promoted from SDE-1 → SDE-2 → Lead based on delivery, reliability, and code quality. Built and owned the frontend for Flyzy (flight/hotel/package/cab), DirectOne (agent platform), and TryVisa (visa) dashboards, improving performance, payments, automation, and observability; pursuing an online MBA in Business Analytics.

WORK EXPERIENCE

FLYZY – GURUGRAM, HARYANA,IN (APRIL 2023 – PRESENT)

Lead Full Stack Developer | Apr 2025 – Present

- Sole frontend owner for Flyzy dashboards across flights, hotels, packages, and cabs using React/Next.js and Material UI; shipped responsive, accessible UIs and a shared component library.
- Implemented Google Analytics and OpenReplay session replay to diagnose UX issues and improve funnels; correlated sessions with Grafana/Prometheus metrics to reduce MTTR.
- Built direct checkout integrated with Razorpay, reducing payment processing time by ~60% with idempotent flows and robust retries.
- Optimized MongoDB queries and adopted Cloudflare R2 for image storage, improving page load times by ~35% on booking flows.
- Automated workflows and alerts with n8n and Make.com, cutting manual operational effort by ~80% across support and finance.

SDE-2, Full Stack Developer | Jan 2024 – Mar 2025

- Sole frontend developer for DirectOne (agent platform): search, booking, ticketing, account management; built status-aware components and accessible forms in Material UI.
- Expanded Node/Express APIs for booking/ticketing/reporting; integrated MongoDB/PostgreSQL with export pipelines used for finance-ready Excel/CSV.
- Implemented Cloudflare routing/SEO improvements and stabilized Firebase hosting to reduce redirect chains and improve crawlability.
- Built Retool dashboards for operations (bookings, users, system health) to speed investigation and reduce support cycles.

Full Stack Developer (SDE-1) | Apr 2023 – Dec 2023

- Built the first version of Flyzy’s booking/pricing platform and dashboards as the sole frontend developer; React + Material UI frontend, Node.js/Express backend, Firebase hosting.
- Implemented core booking states (BOOKING_SUCCESS, PARTIALLY_BOOKED, TICKETING_SUCCESS, cancelled, failed) with clear alerts and conditional actions.
- Contributed early automation utilities, internal alerts, and integrations across flights, hotels, packages, and cabs.

Notable Product Ownership (within Flyzy)

- Travel Management Dashboard : Independently built complete frontends for flight, hotel, and package booking systems, along with the agent portal supporting B2B workflows and whitelabel customization.
- Employee Reimbursement & Policy Systems: Developed internal reimbursement and travel policy modules supporting multi-level approvals, compliance checks, and transparent claim management across all departments.
- DirectOne – Agent Platform: Developed and maintained the role-based dashboards, and Excel exports used by partner agencies. Implemented whitelabeling features, enabling agents to customize tickets and vouchers by adding their own markup amounts, branding, and logos.
- TryVisa – Visa Application: Sole developer; rebuilt the entire application experience, reducing checkout time from ~3 minutes to under 1 minute through step reduction, improved validation, and telemetry-driven performance iterations.

EDUCATION

MBA, BUSINESS ANALYTICS (ONLINE) Chandigarh University	(in progress)
B.TECH SETH JAI PRAKASH MUKAND LAL INSTITUTE OF ENGINEERING & TECHNOLOGY (Radaur)	2018–2022

TECHNICAL SKILLS

- Frameworks & Libraries: React, Next.js, Node.js, Express.js, Material UI, Tailwind CSS
- Languages: JavaScript, TypeScript, HTML, CSS, SQL
- Databases & Caching: MongoDB, PostgreSQL, Redis, Firestore, Firebase Realtime Database
- Cloud & Services: Firebase Hosting/Functions/Scheduler, Cloudflare R2/CDN, Razorpay, PhonePe, GitHub Actions
- Monitoring & Analytics: Grafana, Prometheus, Loki, Google Analytics, OpenReplay
- Tools & Platforms: Retool, n8n, Make.com, Postman, Docker, Git, Figma, VS Code, Cursor
- Project Management: ClickUp, Jira