

Manish Verma

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manish9427 | manish9427 | portfolio | manish9427

Education

National Institute of Technology, Kurukshetra Jul 2018 – Jul 2022 | Kurukshetra, India
Bachelor of Technology in Electrical Engineering

Masai School Aug 2022 – Dec 2023 | Bengaluru, India
Full Stack Web Development

Experience

LYCADIGITAL INDIA PRIVATE LIMITED Jan 2024 – present | Bengaluru, India
Software Engineer

Tech Stack: Next.js, TypeScript, Material-UI, Redux, React, HTML, CSS

- Developed and optimized the **Quick Top-Up** flow for Lyca Mobile, ensuring a seamless user experience across multiple pages including phone number entry, top-up selection, plan selection, payment, and confirmation.
- Implemented **dynamic UI components** using Material-UI, providing an intuitive interface for selecting top-up amounts and mobile plans.
- Integrated **secure payment gateways** (Google Pay, PayPal, Revolut Pay, Debit/Credit Card) with proper error handling, validation, and PCI DSS compliance.
- Utilized **Next.js SSR & CSR techniques** to improve page load times and enhance performance.
- Designed and developed **reusable components** for forms, dropdowns, and validation logic, improving development efficiency.
- Integrated RESTful APIs to fetch **real-time plan details, payment options, and user data**, ensuring accurate and up-to-date information.
- Optimized **state management** using Redux, ensuring efficient data flow and minimal re-renders.
- Ensured a **responsive, mobile-friendly** UI using CSS flexbox, grid, and Material-UI themes.
- Implemented **lazy loading and caching strategies** to enhance performance and reduce API calls.
- Conducted **unit testing** using Jest and React Testing Library, ensuring reliability and reducing bugs in production.

Technical Skills

Languages: Java, JavaScript

Frontend: HTML, CSS, React, Redux

Backend: Spring Boot, Node.js, Express.js

Databases: MySQL, MongoDB, PostgreSQL

Cloud & DevOps: AWS (EC2, RDS, Secrets Manager)

Tools & Others: Git, Maven, Redis, JUnit, Mockito, HMAC-SHA256, Jira

Projects

Payment Validation Service
Developed a modular payment processing system using Java Spring Boot, Microservices, and MySQL, ensuring security with HMAC-SHA256 and Spring Security. Optimized performance with Redis and deployed scalable solutions on AWS (EC2, RDS, Secrets Manager).

E-commerce Platform
Built a full-stack e-commerce platform with product catalog, user authentication, and Razorpay integration for payments. Used React.js, Node.js, Express, MongoDB, and deployed on Vercel.