

Manoj Kumar

Mumbai | +91 9673512733 | mkv336699@gmail.com | [LinkedIn](#) | [Github](#) | [Portfolio](#)

Summary

Innovative and performance-driven **Lead Engineer** with around **6 years** of experience and a passion for architecting and scaling high-performance web applications using the **MEAN Stack**. Adept at leading cross-functional teams, optimizing system performance, and implementing modern development best practices. With a strong foundation in web development, I have successfully led and contributed to projects that enhance operational efficiency, reduce downtime, and improve system scalability

Skills

- **Programming Languages:** JavaScript, TypeScript
 - **Frameworks & Technologies:** Angular (v7–20), Node.js (v12+), Express.js
 - **Databases:** MongoDB, PostgreSQL, Redis, InfluxDB
 - **APIs & Backend:** RESTful APIs, GraphQL (with Prisma), WebSockets, PubSub (MQTT)
 - **DevOps & CI/CD:** Docker, Jenkins, Git, Gitlab CI, AWS (EC2, S3, CodeBuild)
 - **Architecture & Principles:** Microservices, Event-driven systems, MVC, OOP, Data Structures & Algorithms
 - **Agile & Monitoring:** SCRUM, JIRA, Sentry, Datadog, Rookout
 - **Frontend & UI/UX:** Responsive Web Design, Angular Material, Bootstrap, RxJS, Highcharts, Google Maps API
 - **Testing:** Jest
-

Work Experience

Zycus: Lead Engineer

July 2023 - Present

Mumbai, Maharashtra

- iContract - Contract Management System that reduces maverick spend, optimizes operation and elevates the entire contracting experience
- Optimization of 5+ core system components, enhancing performance and maintainability.
- Leadership & Mentorship
 - Alongside being an Individual contributor I am also leading a team of developers to architect and deliver cutting-edge, scalable, and high-impact features.
 - Interviewed, Mentored and Managed interns and Jr developers, while improving team productivity and code quality through best practices and code reviews.
 - Conducted technical discussions and R&D sessions, fostering a culture of innovation and continuous improvement, leading to an increase in overall development efficiency and the adoption of modern best practices.

Synergy Technology Services: Software Engineer

June 2022 - July 2023 (1 Year 1 Month)

Mumbai, Maharashtra

- **Project 1: Shazpha**
A fully automated Algo-driven rating and curation app for stocks and commodities.
 - Strategic migration of 100,00+ lines of code from legacy technologies to the latest Angular and Node.js versions, enhancing performance, security, and maintainability.
- **Project 2: Shipyaari**
A SaaS-based D2C and B2B logistics enabler that provides end-to-end supply chain solutions to businesses
 - Spearheaded backend optimizations, reducing API response times by 40% and improving system scalability.
 - Refactoring Angular UI code base to follow industry standards while adhering to best practices in terms of optimizations and security.

Faclon Labs: Software Engineer

September 2019 - May 2022 (2 Years 9 Months)

Mumbai, Maharashtra

- Developed and maintained multiple IoT data visualization applications with interactive user and admin portals, enabling real-time monitoring and analytics.
- **Key Projects:**
 - Billing & Tariff Plan Calculator – Automated cost estimation, improving pricing accuracy by 30%.
 - Energy Distribution Monitoring – Enhanced efficiency and real-time tracking, reducing downtime by 40%.
 - Smart Meter Management for JUSCO – Developed region-based energy meter software, streamlining maintenance and monitoring.

Vardan Nursing Home: MEAN Stack Intern

July 2018 - September 2018 (3 Months)

Mumbai, Maharashtra

- Proven expertise in developing and maintaining a robust Patient Management System using the MEAN stack, ensuring seamless healthcare data management, optimal performance, and enhanced user experience.

Education

Master of Science: Information Technology

Mumbai University, 2019 - 2021

First Class with Distinction - 75%

Bachelor of Science: Computer Science

Lords Universal College, Mumbai University, 2016 - 2019

Project: Graphical Password Authentication

CGPA: 8.38/10 (Rank: 1; Medalist)