

Manoj Kumar

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Summary

Software Developer boasting over **4+ years** of hands-on experience in **MEAN Stack** Technology. Throughout my career, I have honed my skills by contributing to diverse projects, including a Logistics application, a Share Market Analytics application, and several cutting-edge IOT-based web applications that leverage data visualization and analytics.

Skills

- Experience in **Responsive Web Designs** and **UX Design**
 - **Angular, NodeJs, ExpressJs, MongoDB, SQL**
 - Proficient understanding of version control system **GIT**
 - **CI/CD** Practices and Automation using **Jenkins**
 - Experienced in **Sentry, XLSX, ChartIQ, Highcharts, MQTT, Lodash, Excel.js, Alasql, Rxjs, Google Maps API, Angular Material, Bootstrap, Moment.js** and few other packages
 - Good understanding of **Data Structures** and **Object Oriented Design**
 - Well versed with **Angular v7 to v13 & NodeJS v12+**
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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)

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

Synergy Technology Services: Software Engineer

June 2022 - July 2023

Mumbai, Maharashtra

- Project 1: Shazpha - A fully automated Algo-driven rating and curation app for stocks and commodities.
- Project 2: Shipyaari - A SaaS-based D2C and B2B logistics enabler that provides end-to-end supply chain solutions to businesses

Faclon Labs: Software Engineer

September 2019 - May 2022 (2 Years 9 Months)

Mumbai, Maharashtra

- Creating and maintaining various IOT data visualization app with both user portal and admin portal
- Worked on projects like Billing and Tariff plan calculator, Energy distribution monitoring, Maintaining and monitoring region based energy meters software for JUSCO
- UI Lead for both admin and user panel of Outage Management. A project to control smart IOT meters (Rcdus and Feeders) and data monitoring based on region and various other categories

Vardan Nursing Home: MEAN Stack Intern

July 2018 - September 2018 (3 Months)

Mumbai, Maharashtra

- Learnt overview of MEAN Stack, primarily focusing on Angular development
- Developed various applications on Angular such as Patient management system
- Got exposure of industry level application development and bug fixes

Projects

- **Shipyaari (Logistics Application)**
 - A logistics application where users can create shipments like B2C, B2B, International, etc with availability of various courier partners.
 - Maintenance of application built on Angular v9 with constant upgrades and new features
 - Backend maintenance by creating REST API, debugging issues, providing supports or hotfixes etc using NodeJS & SQL
- **Shazpha (Stock Market Curation and Insights app)**
 - Provides an AI based rating and curation platform for stocks, futures and commodities on IOS, Android & Web platforms
 - Various graphical representations involving Candle, Line, Bar charts and Venn pie diagrams.
 - Upgrading from Angular v4 to v13, Jenkins for automation, deployment in Apache Tomcat server.
- **IOSense (IOT Data Visualization and Analytical platform)**
 - A project primarily built for users to Visualize, Monitor and Control Assets and Resources
 - Worked and maintained both Admin Panel and User Panel

- Some of the modules included Real Time Dashboards, Custom Dashboard, All kinds of Graphs, Real Time Location Tracking and Monitoring Systems, Notification and Alerting Systems, etc
- MEAN Stack, GIT, Jenkins
- **Outage Management (Feeder and RCDS Management System)**
 - Used to control the entire Power / Electricity Management of North India
 - Built for Excel Source private limited who then provided the solution to some of the big energy managers in India like Adani, Mahadiscom etc
 - Worked and maintained both Admin Panel and User Panel
 - Modules included like Feeder, Rcds, Substation Mapping System, Automatic algorithm to run and detect faults in Feeders and Rcds, Reports, etc
 - MEAN Stack, GIT, Aws
- **Wheel Shelling Prediction System (Client: Konkan Railway)**
 - Monitor Real Time Temperature of Train Wheels and detect the Shelling of a wheel to improve the maintenance time and efforts
 - Modules included like Real Time Temperature and Location Monitoring Systems, Alerting System to notify abnormal wheel temperatures, Reports on a scheduled basis.
 - MEAN Stack, GIT, Jenkins, Aws
- **Demand Control System**
 - A tool to predict the energy consumption and calculate future billing based in tariffs
 - Modules included like Custom Tariff and Billing Unit Configurator, Prediction Report of the Billing Unit, Real Time Monitoring of the Billing Unit, Alerting and Notification System
 - MEAN Stack, GIT, Aws