

Manish Khulbe

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TECHNICAL SKILLS

Programming Languages: JavaScript/TypeScript, HTML/CSS, Python

Libraries and Tools: React.js, Node.js, Nest.js, Next.js, Material-UI, TailwindCss, Bootstrap, Redux, React Query, PrismaORM, Mongoose, Unit Testing, Jest

DevOps: AWS, Docker, ServerLess, Git/GitHub, Linux, CI/CD, Lambda

Database: MongoDB, Redis, SQL

WORK EXPERIENCE

SDE-2 [Full-stack Developer]

[Mobcoder](#), Uttar Pradesh, India

2022 - present

- Optimized MongoDB database queries using **aggregate functions** and **MongoDB views**, reducing page load times by 30% and enhancing overall application performance.
- Employed industry-leading techniques to develop a scalable and robust backend architecture, including graceful shutdown procedures and leveraging the full power of the Node.js server through **clustering, worker threads** and API unit testing.
- Implemented **caching with Redis**, resulting in a 25% reduction in database load and a 30% improvement in response times. Additionally, developed a personalized NPM package for error handling.
- Redesigned Desyr fashion reviews app with styled-components and styled-system, achieving high LightHouse scores, Resulted in 32% performance boost for desktop and 25% for mobile devices, created **config driven UI**.
- Led backend architecture and database design for secure banking app with end-to-end encryption. API rate limiting, MongoDB transactions, automated backups, and utilized Redis for fast login and Swagger for Documentation, reducing maintenance by 25% and improving scalability.
- Automated interview scheduling via **Google Calendars API**, allowing Interviewers to mark candidates calendar. Included automatic Google Meet schedule to selected dates, email invitations and 20-minute before reminders with popup, reducing HR workload by 20% and benefiting both company and candidates.
- Worked on a distributed microservices application, incorporating an event bus implementation and leveraging cutting-edge technologies such as **Docker, Kubernetes, and AWS**
- Migration from legacy architecture to **serverless architecture**, enhancing scalability and reducing 70% infrastructure costs.

EDUCATION

Galgotias University

MCA

Noida, India

2020 - 2022

Kumaun University

B.sc (Computer Science)

Nainital, Uttarakhand, India

2017 - 2020

PROJECTS

ColdStar | React.js, Node.js, TailwindCSS, Cloudinary

Developed a full-stack web application, This application offers users a seamless experience to watch movies, write reviews, and access comprehensive information about the cast. [GitHub](#), [See](#)

Blog App [MicroServices] | Node.js, React.js, MongoDB, Docker, AWS, Kubernetes, Skaffold,

Designed the microservices to scale horizontally to accommodate increased traffic and ensure resilience against failures, enhancing the overall reliability of the application, and ensuring high availability and scalability. [GitHub](#)

Invoicemart [Axis Bank] | React.js, MaterialUI,

Invoicemart is a Trade Receivables Discounting System (TReDS) platform set up to resolve the credit challenges and delayed payments issue faced by MSMEs [See](#)

Error handler [NPM Package] | Node.js, TypeScript [See](#)

ACHIEVEMENTS/CERTIFICATION

NamasteDev React By Akshay Saini

The Ultimate React Course By Udemy [Jonas Schmedtmann]

M320 MongoDB Data modeling, M150 Authentication and Authorization, A131 Intro to MongoDB Charts, M201 MongoDB Performance