



Nipun Goyal

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Profile

Dedicated and results-driven Full Stack Developer with 4+ years of experience creating dynamic and responsive user interfaces. Proficient in leveraging the latest technologies to deliver high-quality web applications. Adept at collaborating with cross-functional teams to drive project success. Seeking an opportunity to contribute my skills and expertise in a challenging and growth-oriented environment

Technical Skills

Frontend: React.js, Next.js, Redux, JavaScript (ES6+), HTML5, CSS3, Material UI, Chart.js

Backend: Node.js, Express.js, MongoDB

Testing: Jest, Cucumber, React Testing Library

DevOps & Tools: Git, Jenkins, Copilot, Claude Sonnet

Experience

Software Consultant, Teamware Solutions (Client : Morgan Stanley), Mumbai

Aug 2024 — Present

METHODE PRIME 8

- Owned the design and implementation of the ObjectPanel microfrontend in Methode software , streamlining research article creation workflows for **Morgan Stanley's** analysts in **Next.js**.
- Led the migration of key React components from **Context API to Redux**, reducing re-renders and improving overall codebase efficiency.
- Integrated React Profiler and implemented callback functions, memoization and network prioritization, achieving a 40% overall performance improvement and showcasing results at a **tech expo**.
- Designed and integrated **Error Boundaries, refactored logging** architecture to enable faster and more accurate debugging of production issues.
- Created a microservice for transition of article among different user roles in **Express.js** .
- Developed **automation testing** for PubOps components in **Cucumber** using Copilot AI integrated with **Claude Sonnet 4**, and built an AI-assisted framework for generating XPath locators and writing test scenario.
- Led an initiative to enhance React codebase test coverage from **64% to 80%** .
- Enhanced testing efficiency and coverage by developing mock UI components and Redux states, resulting in complete UI test coverage and a **2-minute reduction in build time**.

System Engineer(Digital), Tata Consultancy Services (Client: CCIL), Mumbai

May 2021 — Jul 2024

RBI NDSOM

- Created a responsive website for a **Retail Trading portal** using **Reactjs 18, Typescript, and Redux**.
- Developed and executed thorough test cases using **Jest** to enhance code coverage and validate React component functionality, ensuring comprehensive testing and robust application reliability .
- Implemented real-time contract updates using **websockets** and the **socket.io** library, resulting in a 40% increase in data accuracy and timely information.
- Championed the adoption of advanced component lifecycle practices and implemented efficient **lazy loading** techniques, leading to a notable 30% increase in turnaround time.
- Designed and enhanced microservices for ordermatching within the NDSOM retail portal, capable of efficiently handling **10000 orders per second** in express Js.
- Developed an admin panel using React.js for a new trading portal, enabling efficient management of **user rights, contract configurations** of more than 10 trading operations
- Successfully executed the migration from jQuery v1.12 to 3.6 for an institutional web platform responsible for handling approximately **Rs. 10,000 crores worth of daily trades**.

Education

Btech computer science, Bharatiya Vidyapeeth College of engineering , Pune

Personal Projects

Upload Large Video, MERN Stack

GITHUB

- Created Frontend in React for upload and downloading videos having size greater than 600MB.
- Divided large video into chunks for uploading and validated video formats, size . All configuration are easy to change
- Built scalable REST APIs leveraging **Node.js, Express.js, and MongoDB** for handling file upload/download operations with optimized data management.

BETFARO, React, Internship

- Managed UI and feature in React16, React - Redux v7 ,Material UI v5
- Led the successful migration of backend data infrastructure from **Firestore** to **DynamoDB**, improving scalability and query performance.
- Successfully increased the number of live matches supported from **70 to 180**, enhancing platform scalability and user engagement

Additional Information

Links: Portfolio, Github