Chirag Munjal

Analyst

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EDUCATION

○ **2022**
B.Tech in Electrical Engineering
Deenbandhu Chhotu Ram University of Science and Technology, Murthal

○ **2018**
XII
CBSE Board, Higher School Secondary Examination

CORE COMPETENCIES

Software Development Lifecycle	○○○○○
Agile Methodologies	○○○○○
Cloud Computing	○○○○○
Requirement Gathering	○○○○○
Data Analytics	○○○○○
Machine Learning	○○○○○
Artificial Intelligence	○○○○○
Internet of Things	○○○○○
Time Management	○○○○○
Blockchain Technology	○○○○○

IT SKILLS

Programming Languages: ○○○○○
Core Java

Backend: Node JS,Express ○○○○○
JS,Next JS,REST API

Web Development: ○○○○○
HTML, CSS, Javascript,
React JS, Next JS

Database: MongoDB, ○○○○○
Redis

Version Control: Git ○○○○○
○○○○○

ABOUT ME

Excel in a role focused on developing innovative **software solutions** and contributing to dynamic projects in the software industry, leveraging expertise in technologies like **React.js, Node.js, MongoDB, Express, HTML, CSS, JavaScript, and Core Java.**

PROFILE SUMMARY

- Demonstrate **2 years of hands-on experience in the technology sector**, excelling in **React.js, Node.js, MongoDB, Express, HTML, CSS, JavaScript, and Core Java** within the software industry.
- Currently serving as an **Analyst at HCLTECH**, adept at analyzing owner needs, **troubleshooting production environments**, and resolving incidents to enhance operational efficiency.
- Showcase proficiency in developing E-Learning platforms using **MERN stack and Next Js 13** for frontend development, showcasing a strong foundation in programming and web technologies.
- Understanding of **Software Development Lifecycle (SDLC)** right from requirement analysis, documentation (functional specifications, technical design), coding and testing (preparation of test cases along with implementation) to maintenance of proposed applications.
- Recognized for developing a **full-fledged E-commerce application** and implementing features like **payment gateways** and an admin dashboard.
- Showcase proficiency in developing a **Social Media Application** integrated with **Google authentication, CRUD operations, and React js**, showcasing a keen interest in discovering fresh avenues in software development.
- Knowledgeable in **Core Java, Node Js, Express Js, Next Js, REST APIs, HTML, CSS, JavaScript, React Js, MongoDB, and Redis**, ensuring a comprehensive understanding of **backend and frontend technologies**.
- Dedicate to **ongoing education and remaining abreast of the newest software development trends** to make valuable contributions to demanding projects.
- Proficient in leveraging **React.js, Node.js, MongoDB, Express, HTML, CSS, JavaScript, and Core Java** to develop scalable and efficient software solutions, with a keen eye for detail and a passion for creating innovative applications.
- Achieved **reduction in incident resolution time** at HCLTECH by implementing proactive monitoring strategies and automation tools, resulting in enhanced **operational efficiency and improved client satisfaction.**

WORK EXPERIENCE

Sep'22 to Present

○ **HCL TECH, Noida, India**
Growth Path: Analyst   **Oct'23 – Present**
Graduate Engineer Trainee   **Sep'22 – Oct'23**

Role as Analyst:
- Addressing **critical production issues**, ensuring seamless service continuity, and elevating client satisfaction.

- Utilizing **Next.js file-based** routing to create and implement both static and dynamic routes.
- Streamlining data fetching from REST APIs using libraries like **Axios and fetch, achieving a 25% improvement in API response time.**
- Enhancing application performance by **configuring Redux actions** and **reducers for optimal state management** and user interactions.
- Crafting visually appealing user interfaces with a mix of styled **components, CSS modules, and Tailwind CSS**.
- Significantly **reducing error rates by 45%** through robust error-handling mechanisms and real-time monitoring solutions.
- **Developing RTK queries** for efficient server data synchronization, providing a consistent and seamless user experience.
- Accelerating server-side development with Express.js, optimizing routing and middleware processes, and **improving response times by 60%.**

Role as Graduate Engineer Trainee:
- Successfully completed an **intensive training program**, significantly enhancing technical skills and industry knowledge.
- **Conducted thorough testing and debugging**, ensuring the application met high-performance and reliability standards.
- Mastered the **creation of components, hooks, routers, and UI libraries.**
- Acquired strong proficiency in **object-oriented programming concepts and advanced SQL queries**.

PROJECTS

E-Learning (Learning Management System)   Sep'23 – Mar'24
- Developed a responsive frontend using Next JS and React JS, providing an intuitive user experience.
- Created custom middleware in Express JS to manage authentication and validate data efficiently.
- Optimized database queries and schema design in MongoDB, significantly improving performance and efficiency.
- Utilized TypeScript to ensure type safety and enhance code maintainability, reducing bugs by 40%.
- Leveraged Socket.io for implementing real-time communication features.
- Implemented secure password hashing, fortifying the protection of sensitive user data by 75%.

MERN Stack - Online Shopping Application   Jun'23 – Aug'23
- Developed a comprehensive e-commerce platform using NodeJS, Express JS, and React JS.
- Designed a full-featured payment system for processing transactions seamlessly.
- Built an admin dashboard for managing products, orders, and users, enhancing operational efficiency by 50%.
- Created a user-friendly shopping interface with product browsing, search functionality, and a shopping cart.
- Deployed the application on Vercel, ensuring high availability with a 99% uptime.