

Deepak Chaurasiya

+91 9354356689 | deepakkudc16102000@gmail.com | [LinkedIn](#) | [Github](#) | [Leetcode](#)

Summary

Software Engineer with 2.5+ years of experience in backend, microservices, frontend, and micro-frontend. I enjoy solving complex programming challenges, staying ahead with the latest technologies, and building scalable, high-performance applications. Adaptable, quick to learn, and thrive in dynamic environments. I actively contribute to collaborative teams, ensuring smooth communication and teamwork to achieve project goals.

Technical Skills

Programming Languages: C++, Java, JavaScript, TypeScript, Kotlin, Dart.

Frontend Development: React.js, Next.js, HTML, CSS, SCSS, Tailwind CSS, Bootstrap, Flutter.

Backend Development: Node.js, Express.js, API Development, Microservices, RabbitMQ, Serverless Functions.

Database: MongoDB, SQL, Redis

Cloud & DevOps: AWS, Docker, CI/CD, Git.

Testing & Automation: Selenium, TestNG.

Computer Science Fundamentals: Data Structures & Algorithms, Problem Solving, Competitive Programming.

Experience

Software Developer - Frontend

Feb-2024 - Present

NMG Technologies, Gurugram

- Built responsive web application ([Yew](#)) using **React.js**, **Tailwind CSS**, **HTML**, **TypeScript** and **Vite** following industry standards, optimizations, and best practices.
- Resolved 18+ critical issues on a marketing intelligence platform built with a **micro-frontend architecture** using **Vue.js**, **React JS**, **Websocket** and **Javascript** leading to a 40% performance improvement.
- Implemented efficient state management using **Redux Toolkit** and **Redux Saga**, optimized API integrations with network interceptors, reduced unnecessary API calls, and enhanced overall user experience through improved performance and responsiveness.
- Optimized application performance and reduced initial load time by 80% through code splitting, lazy loading and dynamic imports.
- Collaborated closely with cross-functional teams in an **Agile environment** to deliver high-quality features and enhancements.

Software Developer

Feb 2023 – Jan 2024

Byju's, Gurugram

- Optimized Loan Management System with a microservices architecture, leveraging **NodeJS**, **Java**, **Redis**, **PostgreSQL**, **MongoDB**, and **AWS**, resolving critical issues and improving processing efficiency by 25%.
- Developed core UI components for the Customer Relationship Management (CRM) platform using **ReactJS**, **HTML**, **CSS**, **SCSS** and **JavaScript** ensuring responsiveness and user experience.
- Implemented key API integrations within the CRM platform, streamlining data flow and enhancing overall functionality.
- Automated end-to-end testing with **Selenium**, **TestNG** and **Java**, achieving 90% test coverage.

Application Developer Intern

July 2021 – Feb 2022

DGTLmart

- Developed and implemented interactive in-app games, assessments, a virtual assistant, and API integration using Flutter for the digital learning app, [TreeCampus](#) (100,000+ downloads).
- Built and deployed an interactive digital business card website ([Link](#)) using React.js, HTML, SCSS, and JavaScript.
- Automated push notifications and data import/export by developing a Node.js backend service integrated with Firebase, improving efficiency and user engagement.

Projects

Dev Store - Developer Portfolio Hub ([Code](#))

A scalable platform for developers to upload and showcase projects, build dynamic portfolios, and share instant portfolio links.

- Designed and developed a **microservices architecture** leveraging **Node.js**, **MongoDB**, **RabbitMQ**, and **Redis** for scalability, reliability, and efficient asynchronous processing.
- Utilized **AWS S3** for secure asset storage and optimized media handling
- Optimized API performance with **Redis caching**, improving response times for frequent queries.
- Containerized services with **Docker** and set up automated **CI/CD pipelines**, streamlining the deployment workflow.
- Created an intuitive, responsive frontend using **React.js**, **TypeScript**, **Tailwind CSS**, **Redux Toolkit**, and **Redux Saga**, ensuring smooth state management and API handling.
- Enhanced frontend performance by implementing **code splitting**, **lazy loading** and **dynamic imports**, reducing initial load times and optimizing resource usage.
- Utilized **Cloudflare Workers (serverless functions)** for system health checks, monitoring, and uptime assurance, enabling proactive incident handling and performance monitoring.

Bus Tracking Application ([Code](#))

A real-time bus tracking platform delivering live location updates, map visualization, nearby bus and stop information to enhance user travel experience.

- Developed a robust backend using **Node.js**, **Socket.IO**, and **MongoDB**, enabling real-time communication and location streaming with high reliability.
- Built an Android application using **Kotlin**, **MVVM architecture**, and **Jetpack Compose**, ensuring a reactive, maintainable, and user-friendly interface.
- Focused on delivering a seamless, reliable, and low-latency travel experience through optimized API and socket handling between client and server.
- Implemented key features, including live updates on the map, nearby bus and stop information, comprehensive bus route schedules, ensuring a seamless and reliable user experience.

Education

B.Tech Computer Science (8.6 CGPA)

2019 - 2023

University School of Information, Communication and Technology, GGSIPU, New Delhi.

Accomplishments

- **LeetCode 500 Days Badge** — Achieved 500+ total submission days milestone
- Ranked **22nd** out of 6,000 participants in Coding Ninja Weekly Contest - 112.
- Secured Global Rank **2900th** out of 23000 participants in Meta Hacker Cup 2022.
- Solved **1200+** problems on [LeetCode](#) and [CodeChef](#).