Nikhil Madaan

Experienced Software Engineer with nearly 3 years of proven expertise in creating, optimizing, and maintaining web applications.

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EXPERIENCE

Credex Technology, Sec 62 Noida — *Software Engineer*

Oct 2021 - Sept 2024

Full-Stack Developer with expertise in optimizing application performance through backend/frontend enhancements, API development, and microservice architecture,.

Skilled in Agile practices like Scrum and leading code reviews, improving code quality with a strong focus on delivering reliable, thoroughly tested software solutions.

PROJECTS

Customer Engagement Application (Nov 2022 - Sept 2024)

- **Technologies** - React.Js for frontend, Node.Js for backend , Mongodb as main database.
- Engineered seamless integration of telephony systems, achieving a 20% increase in communication efficiency and enhancement in overall customer satisfaction.
- Orchestrated the integration of Rest APIs to streamline data flow between various CRMs such as Salesforce resulting in a unified customer data platform.
- Developed microservices including schedulers, processors, producers, and coordinators, resulting improvement in system scalability and a 20% reduction in response time.
- Reviewed code, debugged problems, and corrected issues, leading to a 30% decrease in software bugs and a 25% improvement in overall code quality.
- Implemented unit testing using MochaJS, JestJS, and ChaiJS, resulting in a 20% increase in code reliability and a 20% reduction in production bugs.

Online Travel Booking and Reservation Platform (July 2022 - Nov 2022)

- Developed a management tool for handling guests at a resort, incorporating packages and activities, streamlining operations and improving guest satisfaction.
- **Technologies** - Node.Js as a back end tool, SQL as main database.
- Conducted bug fixes and optimizations for existing APIs.
- Optimized code modules to enhance project performance.
- Redesigned screens for the application

Office Automation Tool (Jan 2022 - June 2022)

- Developed a comprehensive office management tool to handle daily operations such as task assignment, scheduling, and communications, improving team efficiency and collaboration.
- **Technologies**: React.js for frontend development, REST APIs for seamless data integration.
- Designed and implemented reusable, scalable React components.
- Integrated REST APIs to optimize data flow and enhance user experience.

TECHNICAL SKILLS

- Javascript
- TypeScript
- HTML5
- CSS3
- Node.JS
- Express.Js
- React.Js
- MongoDB
- MySQL
- Chai
- Jest
- Mocha

TOOLS AND PLATFORM

- Git
- Jira
- CI/CD pipelines
- Postman
- Webpack
- NPM
- YARN
- EsLint
- Kafka
- Elastic Search
- CRM integration

EDUCATION

Mangalmay Institute of Engineering & Technology , Greater Noida

2018-2022

Bachelor's of Technology - Computer Science and Engineering