

NESRIN NOUFAL

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#) | [Leetcode](#)

SUMMARY

Passionate Full Stack Developer with **2 years** of experience building scalable web applications using **React, Node.js, GraphQL, Rest,MongoDB and PostgreSQL**. Adept at optimizing API performance, implementing real-time features, and enhancing user experience. Seeking opportunities to contribute to high-performance applications.

EDUCATION

Bachelor of Technology in Computer Science

Government Engineering College, Idukki | 2018 - 2022 | GPA: 7.36/10

TECHNICAL SKILLS

- Languages: Java, JavaScript, Typescript
- Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, GraphQL, Bootstrap, Docker
- Databases: MongoDB, PostgreSQL
- Tools & Technologies: Git, Figma, REST APIs, WebSockets, Jira
- Data Structures and Algorithms

WORK EXPERIENCE

Junior Software Engineer

Techfriar Technologies, Kochi | Aug 2024 - Present

- Spearheaded the end-to-end development of a comprehensive job portal using **Next.js, Redux, and GraphQL**, catering to over 5,000 active users and scaling seamlessly under high traffic.
- Reduced server response times by 25% by optimizing GraphQL resolvers, implementing intelligent caching strategies, and reducing payload sizes through query filtering.
- Migrated complex legacy systems from a monolithic architecture to a modern stack with Next.js and PostgreSQL, improving maintainability, reducing deployment times, and cutting operational costs by 30%.
- Integrated secure user authentication and authorization flows using JWT and role-based access control, significantly enhancing platform security and user management.
- Containerized the application using Docker, enabling consistent development environments, simplified deployments, and smoother onboarding for new developers.

Software Engineer

Agaze Technologies, Bangalore | Jun 2023 - May 2024

- Built scalable RESTful APIs using Node.js, Express, and MongoDB, supporting seamless CRUD operations and real-time data updates.
- Integrated APIs with a React-based frontend, ensuring fluid UI interactions and improving data rendering speed.
- Reduced backend latency by optimizing middleware, implementing database indexing, and refining query performance, leading to a 20% improvement in response times.
- Participated in agile development cycles, conducted code reviews, and contributed to sprint planning to align deliverables with business objectives.

Graduate Intern UST Global | Jan 2023 - May 2023

- Led the frontend development of a React-based Attendance Management System, designing dynamic interfaces and reusable components for high maintainability.
- Developed intuitive dashboards for attendance tracking, resulting in a 35% reduction in manual tracking efforts for HR teams.
- Ensured responsive design and mobile compatibility using CSS Flexbox/Grid and Material UI, improving accessibility across devices.
- Collaborated with backend developers to integrate REST APIs, handled error states gracefully, and improved overall user experience flows.
- Participated in daily standups, design discussions, and cross-functional code collaborations, gaining hands-on experience in a real-world agile environment.

PROJECTS

SyncMeet [GitHub](#)

- Built a dynamic and responsive Next.js frontend, optimizing UI performance and reducing load time by 40%.
- Developed a full-stack meeting scheduling and video conferencing platform using Next.js and Firebase,enabling real-time booking and reducing scheduling conflicts by 50%.
- Implemented secure authentication with jwt,enhancing user access control and ensuring data security compliance.

Real-Time Distributed Chat [GitHub](#) [demo](#)

- Developed a real-time chat app using React, Node.js, Express, Socket.IO, and MongoDB.
- Implemented JWT-based auth, REST APIs, and live messaging with WebSocket
- Designed responsive UI and deployed full-stack app using Vercel and Render.

[more](#)

CERTIFICATIONS

- Complete Web Development Bootcamp – Udemy (2023)
- DataStructures and Algorithms: Deep dive using Java - Udemy
- Full Stack web development MERN - Camerinfoiks, Kochi