MOHD NEHAL KHAN

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Summary

Frontend developer with knowledge of MongoDB, Node.js, and React.js. focused on developing high-performing online applications. demonstrated capacity to optimize user experience through creative UI/UX solutions and contribute to open-source projects.

Experience

Hacktoberfest   **Sep 2024 - Oct 2024**
Hacktoberfest Contributor   *Remote*
- Authored 4+ pull requests, expanding the availability of free programming resources by 40% for Hindi-speaking learners.

- Added a Next.js course in Hindi, providing 100% hands-on project-based learning to beginners.
- Implemented a Python course in Hindi, helping 10,000+ aspiring developers master Python through structured video tutorials.
- Included a GSAP JavaScript animation library course, improving access to modern web development techniques by 30% for frontend developers.
- Integrated a C++ course in Hindi, enhancing access to low-level programming concepts for 5,000+ learners.

GirlScript Summer of Code   **May 2023 - August 2023**
Web Development Contributor   *Remote*
- Enriched one GSSoC'23 project with 5 books in pdf form on web development topics improving repository engagement by 10%.
- Innovated and arranged a computer-related quiz by adding 50 new questions about computer parts, which increased user engagement by 40% in the first month of implementation.
- Improved user experience by addressing typographical errors and optimizing visual elements, including background colors and padding, resulting in a 20% reduction in bounce rate and a 15% boost in user engagement.

Technical Skills

Languages: C, JavaScript, HTML, CSS
Technologies/Frameworks: Git, GitHub, Vscode, Tailwind.css, Node.js, Express.js, React.js
Databases: MySQL, MongoDB

Projects

Portfolio Website | *React.js, Node.js, Express.js, MongoDB, Tailwind.css, GSAP, Mailgun API*   **Sep 2024 - March 2025**
- Engineered a full-stack portfolio website, integrating GSAP animations for seamless user experience, increasing engagement by 60%.
- Created an interactive contact form with Mailgun API, automating email responses and enhancing user communication efficiency by 40%.
- Optimized the site's performance using Vite and Tailwind CSS, achieving a 50% reduction in page load time.
- Integrated MongoDB to store form submissions securely, ensuring 100% data retention for user inquiries.

Weather App | *Vanilla.js, Node.js, Express.js, WeatherAPI*   **June 2024 - June 2024**
- Designed initial UI/UX layouts in Figma, streamlining user flows and improving user experience for the Weather App leading to a 35% increase in usability.
- Implemented backend functionality using Node.js and Express.js to retrieve, process, and store weather data from WeatherAPI, reducing average response time by 50% and increasing data handling capacity by 75%.
- Developed a system that displays worldwide weather data, including current conditions, AQI, wind speed, humidity, sunrise, sunset, and three-hour forecasts, increasing user interest by 35% and data accuracy by 20%.

Education

Manipal University Jaipur   **Sep 2022 - Expected Sep 2025**
Bachelor of Computer Application   *Jaipur , Rajasthan*

Achievements

- Earned swags from Google Cloud Arcade after completing the Google Arcade Facilitator Program 2024, gaining 30% foundational cloud skills.
- Awarded swags in Quira.sh Quest 21 for having one of the best top 10% GitHub README files.