Md Tawheed Anjum

Software Engineer

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SUMMARY

Software Engineer with 4+ years of professional experience delivering scalable full-stack solutions. Passionate about solving complex coding problems and improving system performance through thoughtful architecture and optimization. Led a team of junior developers, increasing onboarding speed while elevating code quality standards. Skilled in React.js, Next.js, Laravel and the MERN stack, with a strong focus on performance optimization, architectural design, and cross-functional collaboration. Combines a technical background in machine learning research with creative insight from UI/UX design to build impactful, efficient systems.

PROFESSIONAL EXPERIENCE

CODEMEN SOLUTIONS INC.   **Malibagh Chowdhury, Dhaka, Bangladesh**
Software Engineer   **2022-Present**

- Led projects and mentored junior developers, improving onboarding speed, code quality, and overall team performance.
- Developed and maintained scalable web applications with React.js and Next.js, implementing CSR, SSR, and SSG/ISR for improved performance, SEO, and user experience.
- Designed and implemented backend services, integrating MongoDB, ArangoDB, and Firebase for real-time data, authentication, and efficient data modeling.
- Adopted modern tools including JIRA, MPC, Cursor AI and so on to streamline workflows, improve code quality, and accelerate development cycles.
- Architected system designs for mission-critical projects, ensuring stability, scalability, and high availability.
- Integrated and customized third-party solutions such as SurveyJS, Syncfusion, and Redux Toolkit, building advanced forms, dashboards, and state management workflows.
- Maintained high code quality standards via code reviews, commit guidelines, CI/CD pipelines, and production deployments with minimal downtime.
- Collaborated cross-functionally with backend, UI/UX, and QA teams to deliver seamless integrations and on-time releases.
- Conducted technical training for international clients in English, strengthening relationships and enabling smoother adoption of new systems.

UNITED INTERNATIONAL UNIVERSITY   **United City, Madani Ave, Dhaka 1212**
Research Assistant   **2021-2022**

- Engineered and maintained full-stack web applications using Laravel and React.js for university-led research projects, improving functionality and user experience.
- Optimized and managed MySQL databases, reducing query execution time and strengthening data integrity for research applications.
- Deployed and monitored server environments, ensuring high uptime through proactive troubleshooting and efficient deployments.

- Collaborated with research clients to gather requirements, resolve issues, and deliver tailored software solutions.
- Spearheaded the development of new features based on research ideas, driving innovation and adding value to projects.

BANGLADESH DIGITAL EDUCATION RESEARCH LIMITED   Gulshan 1, Dhaka 1212
Junior Software Engineer   2021
- Assisted in maintaining and improving web applications built with Node.js, React.js, focusing on code quality and bug fixes.
- Debugged and resolved issues to enhance application stability and performance.
- Collaborated with the development team to learn best practices and contribute to ongoing projects.
- Supported code reviews and documentation to ensure maintainability and team alignment.

SKILLS

- **Frontend:** React.js, Next.js, UI/UX Design etc
- **Backend:** Node.js, Express.js, Laravel, Python 3
- **Databases:** MySQL, GraphQl, MongoDB, ArangoDB,, Firebase
- **API/Query:** GraphQL, RESTful APIs, JSON, OpenAPI (Swagger)
- **DevOps/Tools**: Docker, Git, VS Code
- **Design Tools:** Figma, Adobe XD, Adobe Photoshop
- **Soft Skills:** Mentoring, Technical Training, Client Communication, Team Collaboration

EDUCATION

AMERICAN INTERNATIONAL UNIVERSITY - BANGLADESH (AIUB)
Bachelor of Science in Computer Science and Engineering (CSE)   **2017-2021**

ADDITIONAL INFORMATION

- **Interests:** Artificial Intelligence & Machine Learning, DevOps Automation, System Design
- **Certifications:** Google UX Design Certificate (2023), Node.js & Express – Udemy (2024)
- **Research:** Bangla Voice Authentication System using Machine Learning
- **Languages:** Bengali (Native), English (Professional)

REFERENCES

A K M Golam Murshed
Project Manager ,
Codemen Solution Inc.
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