Md Abdullah Al Noman

Software Engineer | Full-Stack Developer

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SUMMARY

Passionate and driven software engineer with hands-on experience in full-stack web development and a strong interest in AI and machine learning. Skilled in creating scalable web applications using technologies like Next.js, React, and Node.js, along with optimizing RESTful APIs and database management.

EDUCATION

American International University-Bangladesh *01.2021 - 06.2024*
Bachelor's Degree | Computer Science and Engineering
- CGPA: 3.88

Rajuk Uttara Model College *08.2017 - 07.2019*
Higher Secondary School Certificate (HSC) | Science
- GPA: 4.92

Safiuddin Sarker Academy and College *01.2015 – 02.2017*
Secondary School Certificate (SSC) | Science
- GPA: 5.00

EXPERIENCE

Levant IT *05.2024 - Present*
Full Stack Developer

- Led full-stack web application development using Next.js, contributing to both front-end and back-end teams.
- Optimized RESTful APIs as well as server-side methods, improving data flow efficiency and reducing response.
- Developed visually appealing and user-friendly interfaces, enhancing user engagement.
- Collaborated with cross-functional teams, ensuring delivery of scalable, high-quality solutions within project deadlines.
- Actively participated in Scrum practices, contributing to sprint planning, daily stand-ups, and sprint retrospectives.
- Involved in database management, system architecture, and roadmap execution to improve web application performance and scalability.

SKILLS & COMPETENCIES

Technical Skills
- **Programming Languages:** JavaScript, TypeScript, C++, Python, Java, PHP
- **Web Technologies:** React.js, Next.js, Node.js, React Native, HTML, CSS, Tailwind
- **Frameworks/Back-End:** Next.js, Node.js, Nest.js, Django, .NET MVC
- **Databases:** MySQL, PostgreSQL, MongoDB
- **APIs & Libraries:** React-Redux, Redux Toolkit, Zustand, Zod, Axios
- **Tools & IDEs:** Visual Studio Code, Postman, PyCharm, ClickUp
- **Version Control/Deployment:** Git, GitHub, Docker, Vercel, Netlify

Product Management Skills
- Software Development Lifecycle
- User Story Writing/Backlog
- Feature Prioritization
- Agile/Scrum Methodologies

Soft Skills
- Effective Communication
- Team Collaboration
- Cognitive Thinking
- Time Management
- Problem Solving

PROJECTS

[Link] AutoWorx
- **Challenge**: Businesses in the automation industry required a web application for managing automated product listings, handling leads, coordinating employee-client interactions, and scheduling appointments efficiently.
- **Action**: Currently developing a system using Next.js, React, and MySQL, with a focus on automating product listings, lead management, and employee-client handling. The platform integrates a wide range of APIs and features a complex UI to streamline appointment scheduling and enhance automation processes.
- **Result**: A comprehensive platform that improves operational efficiency in the automation industry through streamlined workflows and process automation.

[Link] Full Stack Hospital Management System Patient Portal
- **Challenge**: Healthcare organizations needed a streamlined way to manage patient data.
- **Action**: Developed a comprehensive system as a part of Hospital Management System using Next.js, React, Nest.js, and PostgreSQL that optimized user interaction and efficiency.
- **Result**: Enabled efficient data management, resulting in improved patient care and operational efficiency.

[Link] Machine Learning Model for Laptop Price Prediction
- **Challenge**: Consumers and businesses needed insights into laptop pricing for better decision-making.
- **Action**: Developed a predictive model using Python, Scikit-learn, and matplotlib to analyze extensive market data.
- **Result**: Delivered high-accuracy predictions precisely 85% that improved decision-making for consumers and businesses.

AWARDS & ACCOMPLISHMENTS

Honors/Awards
- Dean's List Honors   *11.2022*

Academic Scholarship
- Consistently awarded a 50% to 70% scholarship for outstanding   *01.2022 - Present*
  academic performance.

Certifications
- Python Essential Training   *10.2024*

INTERESTS

- Actively solving problems on LeetCode and enhancing understanding of data structures and algorithms to refine coding skills.
- Passionate about learning new technologies and solving complex problems innovatively.