MD ABDULLAH AL NOMAN

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SUMMARY

Lead Software Engineer at AutoWorx with 1+ years of experience in full-stack development,backend automation, and DevOps. Expert in designing scalable SaaS platforms, automating workflows, and managing CI/CD pipelines on Linux/Ubuntu VPS. Strong problem solver and team leader, passionate about building robust, maintainable systems using modern technologies like Next.js, NestJS, Prisma, BullMQ, Redis, and cloud hosting.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Python, C++, PHP, Java, SQL
- **Frontend:** React.js, Next.js, Tailwind CSS
- **Backend:** NestJS, Node.js, Express.js, Prisma, BullMQ, Redis, Prisma, Mongoose, Socket.io, Axios, Zod
- **Programming Paradigms:** Object-Oriented Programming (OOP), Functional Programming
- **Databases:** MySQL, PostgreSQL, MongoDB
- **DevOps & Tools:** Linux (Ubuntu), Git, GitHub, Vercel, Heroku, Render, CI/CD, VPS Hosting, Docker,Postman
- **Other:** Figma, Clerk, Notion,Asana, Jira, Problem Solving, Team Leadership

WORK EXPERIENCE

Lead Software Engineer   *Jan 2024 - Present*

- Led full-stack development projects, including the design, implementation, and deployment of scalable SaaS platforms.
- Managed a team of developers, providing mentorship and ensuring timely delivery of high-quality software.
- Implemented and managed CI/CD pipelines on Linux/Ubuntu VPS, integrating DevOps best practices for automated testing and monitoring.
- Optimized system performance and scalability, supporting thousands of users and complex automation workflows.

EDUCATION

Bachelor of Science in Computer Science & Engineering   *Jan 2021 - June 2025*
American International University-Bangladesh

- Major in Software Engineering.
- CGPA : 3.88

PROJECTS

- **AutoWorx** (Live)
  Led the development of a comprehensive CRM platform for the automation industry, enabling automated product listings, pipeline drag and drop, lead management, and appointment scheduling.
  Tech Stack: Next.js, React, TypeScript, Tailwind CSS, MySQL,Docker, AWS, Socket IO

- **Automation Backend** (Live | GitHub)
  Architected a robust backend platform for automating workflows and job scheduling, utilizing BullMQ and Redis for efficient queue management.
  Tech Stack: NestJS, MySQL, Prisma, BullMQ, Redis

- **Fire Safety Management Bangladesh** (Live)
  Built an interactive platform using Next.js, React, and Ant Design to improve fire safety
  inspections and data visualization.
  Tech Stack: React, Nextjs ,Tailwind CSS, Custom Animations

- **Menu App** (Live | GitHub)
  Created a digital restaurant menu application for a Saudi client, optimized for mobile devices
  and ease of use.
  Tech Stack: React, Tailwind CSS, Firebase

AWARDS & ACCOMPLISHMENTS

- Dean's List Honors
- Academic Scholarship
  2021 – 2025 (Awarded for academic performance)

INTERESTS

- Actively solving problems on LeetCode and enhancing understanding of data structures and algorithms
  to refine coding skills.