

Abdullah-Al-Mahmud

Full Stack Software Engineer | AI Integration | API Development | Scalable Web Applications

Natore, Bangladesh | +8801617681926 | abdullahalmahmudmahmu777@gmail.com | [LinkedIn](#) | [Portfolio](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Solution-Driven Software Developer committed to engineering efficient and maintainable web applications. I bridge the gap between complex business requirements and seamless digital experiences through clean code and robust system design. My approach focuses on optimizing application workflows, enhancing system reliability, and staying at the forefront of emerging technologies to drive innovation in every project I undertake.

WORK EXPERIENCE

Full Stack Developer | Odyssey Tech 06/2024 – 02/2025 | London, UK (Remote/Office)

- Developed and maintained scalable software solutions by analyzing requirements and implementing effective technical solutions.
- Resolved complex technical issues, optimized application performance, and improved system reliability.
- Collaborated with development teams to design, test, and deliver scalable software solutions.

Full Stack Developer | RajFlix Solutions 02/2023 – 05/2024 | Rajshahi, Bangladesh

- Implemented new features, enhanced existing functionalities, and optimized workflows to meet user and business requirements.
- Managed debugging, issue resolution, and system improvements to enhance application stability and user experience.

SKILLS

Languages: C, C++, Java, Python, PHP, JavaScript, TypeScript

Frontend: React.js, Next.js, Redux, HTML, CSS, WordPress (Elementor)

Backend: Node.js, Express.js, Laravel, REST API

AI Integration: OpenAI API, Gemini API, Prompt Engineering, AI Application Development

Database: MongoDB, MySQL, MS SQL Server, Firebase

Version Control: Git & GitHub

Deployment & DevOps: Vercel, Netlify, Render, Railway, Firebase Hosting

Tools: Postman, Docker (Basic)

Soft Skills: Team Work, Collaboration & Communication, Creative problem-solving

PERSONAL PROJECTS

Smart ATM Simulation (Online Banking System) Core Technologies: Next.js, Node.js, Express, MongoDB Atlas

- Secure Ecosystem:** Developed a high-performance banking interface with secure user authentication and logical processing for real-time transactions.
- Real-time Architecture:** Built a scalable backend using MongoDB Atlas to manage live balances and transaction logs with optimized query response.

Project Links:

- Live Demo:** [Click to View Live Site](#)
- Source Code:** [Click to View GitHub Repository](#)

Hotel Flow – Hotel Management System Core Technologies: Next.js, Node.js, Express, MongoDB Atlas, Tailwind CSS

- **Management & Inventory:** Engineered a full-stack platform with a real-time availability system for streamlined room bookings and guest check-ins.
- **Security & UX:** Built a secure backend for sensitive guest data and a modern, mobile-first UI using Tailwind CSS for a seamless user experience

Project Links:

- **Live Demo:** [Click to View Live Site](#)
- **Source Code:** [Click to View GitHub Repository](#)

JibonDaak – Digital Ambulance Service System Core Technologies: React.js, Node.js, Express, MongoDB, Google Maps API

- **Emergency Connectivity:** Developed a centralized ecosystem to connect patients with nearby ambulance services instantly, significantly reducing critical response times.
- **Real-time Navigation:** Integrated Google Maps API for location-based tracking and efficient route calculation for rapid dispatch and pickup.
- **Fleet Management:** Built a robust administrative dashboard to manage ambulance fleets and driver profiles with a high-pressure, user-centric interface.

Project Links:

- **Live Demo:** [Click to View Live Site](#)
- **Source Code:** [Click to View GitHub Repository](#)

EDUCATION

- **B.Sc. in Computer Science and Engineering**

Varendra University | 2022 – 2026

- **Higher Secondary Certificate (HSC)**

Kafuria College | 06/2019 – 11/2021

- **Secondary School Certificate (SSC)**

Natore Govt. Boys' High School | 01/2011 – 11/2018

ACHIEVEMENTS & HACKATHONS

USAII Global AI Hackathon 2026 Participant - Developed an AI-powered solution focused on wetland monitoring and conservation using modern AI technologies.

Certificate : [USAII Global AI Hackathon](#)

Certifications

- **Node.js (Intermediate)** – HackerRank | [Verify](#)
- **Cyber Security Best Practices for Developers** – Educative | [Verify](#)
- **Software Design Patterns** – Educative | [Verify](#)