**Abdullah Al Mahmud**Rajshahi, Bangladesh  
+8801773371221  
abdudevs@gmail.com  
[LinkedIn](https://www.linkedin.com/in/abdullahwins) | [GitHub](https://github.com/AbdullahWins)

### **Professional Summary**

Software Engineer with around **3 years** of experience in designing, developing, deploying and maintaining web applications. Proficient in **backend** technologies, including javascript frameworks like **Node.js**, **NestJ**. Other languages like **Python** and **Go**, with extensive experience in creating robust APIs and database management. Proven ability to build complex dashboards and admin panels using the **MERN stack** and deploy full-stack **SaaS applications**. Strong knowledge of cloud services (**AWS**, **GCP**, **Digital Ocean**) and containerization (**Docker**, **Kubernetes**). Skilled in **collaborating** with cross-functional teams and leveraging project management tools for effective workflow.

### **Education**

**Bachelor of Science**North Bengal International University (NBIU), 2022

### **Technical Skills**

**Backend Technologies:**

* **Languages & Frameworks:** Node.js, NestJS, Express.js, Go, Python, TypeScript, JavaScript
* **API Development:** RESTful, GraphQL, WebSockets
* **Databases:** MongoDB, MySQL, MariaDB, PostgreSQL, Graph Databases, Vector Databases
* **Caching:** Redis
* **Message Queuing:** RabbitMQ, Apache Kafka
* **Security & Authentication:** JWT, OAuth2, SSL/TLS, Encryption
* **Containerization & Orchestration:** Docker, Kubernetes (Beginner)

**Frontend Technologies:**

* **Frameworks:** React.js, React Native, Next.js, Nest.js, Vite (for SSR and CSR)
* **Libraries & Tools:** Redux, Redux Toolkit, RTK Query, Material UI, TailwindCSS, Ant Design, Daisy UI, Shadcn
* **Responsive Design:** HTML5, CSS3, Bootstrap, SASS, Media Queries

**DevOps & Cloud Infrastructure:**

* **Cloud Platforms:** AWS (EC2, S3, RDS), Google Cloud Platform (GCP), Linode, Digital Ocean
* **Monitoring & Logging:** Prometheus, Grafana, Morgan, Netdata
* **CI/CD Pipelines:** Jenkins, GitHub Actions
* **Infrastructure as Code:** Terraform (Basic)
* **Load Balancing & Scaling:** Nginx
* **Servers:** Nginx, Apache

**Version Control & Collaboration:**

* **Tools:** Git, GitHub, GitLab
* **Project Management:** Jira, Trello, Slack

**Operating Systems & Environments:**

* **OS:** Various flavors of Linux, Windows, macOS
* **CLI & Bash Scripting:** Windows CLI, Linux Bash, Git Bash

### **Professional Experience**

**Netro Systems** Senior*Software Engineer  
 Jan 2023 – Present, Rajshahi, Bangladesh*

* Design and develop backend services for mobile applications, admin panels, and websites using Node.js, NestJS, and Go.
* Configure and maintain VPS from various cloud providers like AWS, GCP, Linode, and Digital Ocean.
* Utilize LLMs for specialized tasks from OpenAI and Hugging Face to enhance product capabilities.
* Review code to ensure proper structure and maintainability, delivering pixel-perfect responsive web applications based on Figma or Adobe XD designs.
* Develop and deploy full-stack SaaS products with Stripe and other payment systems on platforms like Vercel and AWS.
* Create scalable APIs for internal company processes and improve performance through load balancing and optimization techniques.

**NML Bangladesh** *MERN Stack Developer  
 Apr 2022 – Dec 2022, Rajshahi, Bangladesh*

* Developed server and client-side applications using React.js, Node.js, and Express.js.
* Responsible for designing and implementing web pages based on mock-ups and ensuring responsive design.
* Created and maintained RESTful APIs, optimizing for performance and scalability.

**ChalDal.Tech** *UI Developer (Intern)  
 Jan 2022 – Mar 2022, Dhaka, Bangladesh*

* Developed and designed SPA user interfaces in ReactJS, ensuring compatibility across multiple browsers.
* Created dynamic and responsive web pages using HTML, CSS, and JavaScript, adhering to W3C standards.
* Engaged in team collaboration to enhance frontend functionality and user experience.

### **Certifications**

### [Introduction to Containers w/ Docker, Kubernetes & OpenShift](https://www.coursera.org/account/accomplishments/records/BATHZW5D5FDU)

### [Decentralized Finance (DeFi) Infrastructure](https://www.coursera.org/account/accomplishments/records/66PCS8WMV4EF)

### [Data Structures](https://www.coursera.org/account/accomplishments/records/THJRQRNTKXKN)

### [Cryptography I](https://www.coursera.org/account/accomplishments/records/XXAAFKG593H2)

### [AWS S3 Basics](https://www.coursera.org/account/accomplishments/records/XPR226WJ79KJ)

### [Getting Started with Git and GitHub](https://www.coursera.org/account/accomplishments/records/2WY7QYPJTVQ6)

### [HTML, CSS, and Javascript for Web Developers](https://www.coursera.org/account/accomplishments/records/F24RACV35SU6)

### [Introduction to Web Development with HTML, CSS, JavaScript](https://www.coursera.org/account/accomplishments/records/QZZANSTRYWQS)

### [Introduction to Data Analytics](https://www.coursera.org/account/accomplishments/records/XXRQVJW8HMLV)

### [Foundations: Data, Data, Everywhere](https://www.coursera.org/account/accomplishments/records/4K356ZVDV9SJ)

### [Ask Questions to Make Data-Driven Decisions](https://www.coursera.org/account/accomplishments/records/7AHGFL4NA4ZH)