API ALAM

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ABOUT ME

Full-stack software engineer with experience building SaaS platforms and web applications. Co-founded an e-learning startup where I worked on payment integration, video streaming, and database design. Comfortable with PHP, React, Next.js, PostgreSQL, and Docker. I enjoy solving problems, learning new tools, and working in collaborative teams.

WORK EXPERIENCE

[04/2023 – Current]   ***iLearnX Technologies***   https://ilearnx.tech/

Co-founder & Software Engineer

1. Develop and design ilearnx.live using vanilla **PHP** and **JavaScript**
2. Integrated SSLCommerz payment gateway.
3. Create role-based access system for users
4. Implement optimized video streaming with caching mechanisms
5. Design complete database architecture using **PostgreSQL**
6. Maintained and developed backend infrastructure on **Linux OS**
7. Managed and maintained the website using **Docker** for smooth operations
8. Followed **clean-code** architecture for better code management

[01/2023 – 04/2023]   ***Robo Tech Valley***   https://www.robotechvalley.com/

Software Engineer Intern

1. Worked on projects, gaining hands-on **R&D** experience.
2. Built responsive landing pages using **Bootstrap** and **CSS**.
3. Learned **React.js** for reusable, component-based UI.
4. Used **Node.js** for backend and API-driven architecture.
5. Applied **SOLID** principles for maintainable code.
6. Managed projects and version control using **GitHub**.
7. Improved UI and page speed by fixing performance bottlenecks.
8. Collaborated with seniors and participated in code reviews.

Technical Skills

Frontend:

1. HTML, CSS, Bootstrap, Tailwind CSS
2. JavaScript, React.js, Next.js

Backend:

1. PHP (vanilla), Node.js
2. PostgreSQL
3. Supabase

DevOps & Automation:

1. Docker
2. Linux OS, macOS
3. Git & GitHub, n8n

Software Development Practices:

1. Clean code and maintainable code practices
2. SOLID principles for scalable architecture

PROJECTS

Sophia

1. Built Telegram bot for document Q&A.
2. Integrated LLM models on Runpod with RAG + n8n.
3. Delivered context-aware answers in <2s.

Technology : Next.js, Supabase, Tailwind CSS, Resend, Runpod, n8n, Telegram, Hetzner

iLearnX – An E-Learning Platform

1. Built SaaS for 100+ users in 3 months.
2. Cut video buffering 40% with Redis.
3. Created role-based access and PostgreSQL DB.
4. Managed backend on Linux and Docker.

Technology : PHP, Javascript, CSS, Bootstrap, PostgreSQL, Redis

Project Pulse

1. Developed tool for project + income tracking.
2. Added deadline alerts and Telegram notifications.
3. Tracked incomes using graphs

Technology : Next.js, JavaScript, Tailwind CSS, Supabase, Resend, Telegram

EDUCATION

[04/2019 – 05/2023]   **Bachelor of Science in Computer Science & Engineering.**

American International University-Bangladesh
CGPA : 3.57

At AIUB, I built a solid foundation in computer science and gained hands-on experience with various programming languages. I completed several projects, including a capstone project developing a web application for small businesses.

VOLUNTEERING

[2024 – 2024]   **ICT Lead at ESAB AIUB UNIT FACE**

1. Hosted and organized tech events, ensuring smooth execution.
2. Resolved technical issues promptly during live events.
3. Managed event setups, including equipment and software.
4. Coordinated all tech activities for successful events.

REFERENCE

Prof. Dr. Kamruddin Nur

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