

ADIB AHMED

Software Engineer

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SUMMARY

I'm a motivated Computer Science and Engineering graduate with a passion for software development, eager to contribute by building engaging applications for both web and mobile platforms.

EXPERIENCE

Sub Assistant Programmer

May 2024 - Present

International Islamic University Chittagong.

- Developed a mobile app for the university's Student Panel using React Native, providing students with seamless access to academic resources and personalized services.
- Redesigned the university website frontend with React and Remix while updating and managing content for existing PHP-based systems, enhancing design, functionality, and user experience.
- Added new features to the HR and student management software using PHP, streamlining processes and improving operational efficiency.

EDUCATION

BSc in Computer Science and Engineering

American International University Bangladesh
CGPA - 3.44/4.00

Higher Secondary Certificate

Cambrian College Chittagong
CGPA - 4.58/5.00

Secondary School Certificate

Hatey Khari School and College
CGPA - 4.50/5.00

THESIS

Market Sales Analysis and Prediction Using Data Mining

- Conducted market sales analysis and trend prediction using data mining techniques, leveraging advanced machine learning models to generate actionable insights.
- Utilized Python and tools like Linear Regression and XGBoost for accurate sales forecasting and data-driven decision-making.
- Executed end-to-end data collection and analytics workflows, delivering comprehensive reports to support strategic business planning.

LANGUAGES

Bangla: Bilingual proficiency

English: Professional working proficiency

SKILLS

Programming Language: JavaScript (Proficient), C#, PHP

Frontend Framework/Library: ReactJs/NextJs (Proficient)

Backend Framework/Library: NodeJs, NestJs, ExpressJs

Mobile App Framework: React Native, Expo

Others Frameworks: Asp.Net MVC

Database: MySQL, PostgreSQL, MongoDB

Cloud Storage: Firebase, Appwrite

Familiar With: Docker, WebSocket, Netlify, Vercel

PROJECTS

Albas-Mart (e-commerce project) [Live Link](#) || [GitHub](#)

- Built a robust MERN stack e-commerce platform, Albas-Mart, with an admin dashboard and integrated POS system, streamlining grocery shopping with a focus on affordability and quality.
- Implemented secure Stripe API for payment processing and JWT authentication, ensuring seamless and protected user transactions.
- Optimized performance, responsiveness, and security, delivering a user-friendly platform tailored for efficiency and scalability.

VidUp (Mobile App) [GitHub](#)

- Developed VidUp, a video-sharing app using React Native Expo and Expo Router, enabling users to upload and play videos seamlessly.
- Leveraged Appwrite for backend services, ensuring efficient data management and secure user authentication.
- Focused on delivering a smooth user experience with performance optimization and intuitive design, tailored for modern content creators.

RoadSaints (e-commerce project)

[GitHub](#) (frontend) || [GitHub](#) (backend)

- Built RoadSaints, an e-commerce platform with ReactJS, TailwindCSS, and ASP.NET Web API, ensuring a responsive frontend and efficient backend.
- Implemented ASP.NET Web API with Entity Framework for backend data management, utilizing the repository pattern for efficient data access and abstraction.