ADIB AHMED
Software Engineer

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SUMMARY

Motivated CS grad with a passion for development, seeking a position to create engaging applications across web and mobile platforms.

EXPERINCE

Sub Assistant Programmer
April 2024 - Present
International Islamic University Chittagong.

- Developing mobile apps with React Native, boosting user engagement and accessibility for university students.
- Creating a Student Portal, offering seamless access to academic resources and personalized services.
- Improved the university website, enhancing its design, functionality, and user experience.

Al-Raya (e-commerce project)   Live Link || GitHub

An e-commerce website for groceries focusing on finding best groceries and daily needs in a reasonable price.

- Al-Raya e-commerce: ReactJS, NodeJS, MongoDB, TailwindCSS.
- Features: JWT authentication, search.
- Stripe integration for secure payments.
- Responsive design, performance optimization, security.
- Focus: Best groceries, reasonable prices.

Nutrition and Workout System (API project)   GitHub

- Tech Stack: NestJs, TypeORM, PostgreSQL, Multer, Nodemailer
- Features: CRUD operations for user, trainer, and nutritionist profiles; automated assignment of trainers and nutritionists based on user profile; email notifications.
- Endpoints: RESTful API endpoints for user, trainer, and nutritionist management.

RoadSaints (e-commerce project)
GitHub (frontend) || GitHub (backend)

- RoadSaints utilizes ReactJS and TailwindCSS for frontend design and Asp.Net Web API with Entity Framework for backend data management.
- The backend implements the repository pattern, ensuring efficient data access and abstraction.
- Key technical aspects include MVC architecture, Entity Framework for ORM, and repository pattern for structured data management.

SKILLS

Programming Language: JavaScript (Proficient), PHP, C#
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 (Proficient), PostgreSQL, MongoDB
Cloud Storage: Firebase, Appwrite
Familiar With: Docker, WebSocket, Netlify, Vercel

EDUCATION

Bachelor of Computer Science and Engineering
American International University-Bangladesh
CGPA - 3.44/4.00
Higher Secondary Certificate
Cambrian College Chittagong
GPA - 4.58/5.00
Secondary School Certificate
Hatey Khari School and College
GPA - 4.50/5.00

THESIS

Market Sales Analysis and Prediction Using Data Mining

- **Objective:** Analyzed and predicted market sales trends using data mining techniques.
- **Technologies Used:** Python, Machine Learning, Data Collection, Data Analytics
- **Methods Employed:** Linear Regression, XGBoost
- **Key Achievements:** Completed comprehensive sales analysis and prediction. Applied advanced machine learning techniques for actionable insights.

LANGUAGES

Bangla: Bilingual proficiency
English: Professional working proficiency

REFERENCE

Md. Yusuf Khalil
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