AFRA ZAMAN

Software Engineer

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🔗 GitHub   in LinkedIn   @ Portfolio Website

EXPERIENCE

Trainee Programmer
Synesis IT Ltd. [January 2024 - Present]

National Job Portal
Client: Bangladesh Computer Council (BCC)

A centralized platform that connects job seekers with government employers, enhancing recruitment efficiency with AI-driven job recommendations.

- Led development of dynamic user-facing features using React.js, optimizing performance and increasing engagement by 20%.
- Integrated RESTful APIs for job data, organizations, and profiles, increasing data load efficiency by 25%.
- Built reusable components for job listings and authentication, reducing development time by 30%.
- Enhanced security with JWT-based authentication and Redux Toolkit, strengthening access control.
- Developed a full-featured CV Bank, streamlining applicant management and improving recruitment efficiency by 40%.
- Configured key administrative features like Venue List management and Result PDF Upload, improving workflow automation by 20%.
- Implemented Quota Configuration and Postponed Notices, increasing transparency and flexibility in job management.
- Reduced load time by implementing lazy loading and optimized pagination, leading to a 35% increase in audience engagement.
- Ensured code quality by implementing unit tests and best practices, delivering clean, maintainable, and reliable code.

Technologies: React, **Tailwind CSS**, **Redux Toolkit**, **Javascript**, **JWT**, **RESTful API**

PERSONAL PROJECTS

Graphics School   🔗 **Live Link**
Developed full-stack web applications focused on frontend using React.js, integrated with backend systems via Express.js and MongoDB. Built user enrollment features and admin/instructor dashboards for managing users and classes.
Technologies: React, **Firebase**, **MongoDB**, **Express**

Movie Maven   🔗 **Live Link**
Developed a responsive movie search app with Next.js and the TMDB API for real-time data. Features include infinite scrolling, dynamic search, detailed movie pages (genre, release date, cast), a watchlist, and a dark mode toggle for enhanced UX.
Technologies: Next.js, **React**, **Typescript**, **TMDB API**, **Zustand**

Fairy Tales   🔗 **Live Link**
A dynamic toy shop website that can efficiently manage toys and allow users to add, view, and track toys with a secure user authentication system for login and sign-up.
Technologies: React, **Firebase**, **DaisyUI**, **MongoDB**, **Express**

EDUCATION

B.Sc in Information and Communication Engineering, CGPA-3.72
Session: 2020-2023
Bangladesh University of Professionals

HSC, GPA-4.92
Session: 2017-2019
Government Haji Asmat College, Bhairab

SSC, GPA-5.00
Session: 2016-2017
Bhairab M.P Pilot Girls High School

TECHNICAL SKILLS

Frontend Development
React   NextJS   Redux   HTML5
CSS3   JavaScript (ES6+)   TypeScript

Backend Basics
Node.js   Express.js   Firebase
RESTful API   MongoDB   SQL

Version Control
Git   GitHub   GitLab

PUBLICATION

DARN: Dual-Attention RoBERTa Network for Depression Severity Detection from Twitter 2023 26th International Conference on Computer and Information Technology (ICCIT) [1]

ACHIEVEMENT

🏆 **Black Belt Web Developer, Programming Hero (2023)**

🏆 **Champion, Research Based Poster Presentation, ICICT4SD (2023)**

🏆 **Best Student Award (District), National Education Week (2018)**