# AFRA ZAMAN

## Software Engineer

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○ GitHub   in LinkedIn   @ Portfolio Website

## PROFESSIONAL EXPERIENCE

### Software Engineer
**Nagorik Technologies** [December 2024 - Present]

- Led the design and development of responsive UIs for multiple applications (**QuizGiri**, **Romoni**, **Admin Portals**), optimizing user interfaces, introducing dynamic data fetching, and improving performance, resulting in increased user engagement and satisfaction.
- Resolved critical issues in **Romoni's** payment system, optimizing coupon application, payment flows, and order processing to ensure seamless transactions across multiple methods, improving transaction reliability and customer satisfaction.
- Refined API calls and backend data fetching, especially for dynamic leaderboard data and quiz results, improving response times and system reliability by 40%.
- Collaborated with product and UX teams, fixing critical bugs, integrating WebSocket for real-time updates, and reducing bug recurrence by 50%.

**Technologies: NextJS**, **TypeScript**, **Zustand**, **Zod**, **Tailwind CSS**, **JWT**, **RESTful API**

### Trainee Programmer
**Synesis IT Ltd.** [January 2024 - December 2024]

**National Job Portal**                                          **Live Link**
**Client:** Bangladesh Computer Council (BCC)
A centralized platform to connects job seekers with government/non-government employers

- Developed dynamic, user-centric features with React.js, optimizing performance and increasing user engagement by 20%..
- Engineered secure, scalable solutions by integrating RESTful APIs, JWT authentication, and Redux Toolkit, improving data efficiency by 25% and access control.
- Led the development of key features like CV Bank, Venue List, and Result PDF upload, automating workflows and boosting recruitment efficiency by 40%.

**Technologies: React**, **Tailwind CSS**, **Redux Toolkit**, **TanStack Query**, **JavaScript**, **JWT**, **RESTful API**

## PERSONAL PROJECTS

**Graphics School**                                ○      **Live Link**
Full-stack web application using React.js with backend integration (Express.js, MongoDB) for managing user enrollments and admin dashboards
**Technologies: React**, **Firebase**, **MongoDB**, **Express**

**Movie Maven**                                    ○      **Live Link**
Responsive movie search app built with Next.js, utilizing SSR, ISR, and dynamic watchlist features.
**Technologies: NextJS**, **React**, **Typescript**, **TMDB API**, **Zustand**

## EDUCATION

### B.Sc in Information and Communication Engineering
**CGPA-3.72 | 2020-2023**
Bangladesh University of Professionals

### Higher Secondary Certificate (HSC)
**GPA-4.92 | 2017-2019**
Government Haji Asmat College, Bhairab

### Secondary School Certificate (SSC)
**GPA-5.00 | 2016-2017**
Bhairab M.P Pilot Girls High School

## TECHNICAL SKILLS

### Frontend Development

React   NextJS   Redux   HTML5
CSS3   JavaScript (ES6+)   TypeScript

### Backend

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** Presented at the 26th International Conference on Computer and Information Technology (ICCIT), 2023 [1]

## ACHIEVEMENT

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

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

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