RAFSAN ZANI RABBI

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Education

KUET   Khulna, Bangladesh
Bachelor in Computer Science and Engineering (2015)
Thesis Topic : Bangla grammar pattern recognition using shift reduce parser
C.G.P.A: Major : 3.6/4.00, Overall: 3.13/4.00

Relevant Courses: Database system, Operating system, Data structure and Algorithm, Probability Theory, Fault Tolerance, Networking, Theory of Computation, Discrete Mathematics, Digital Logic Design, Microprocessors, Economics and Accounting, Artificial Intelligence, Digital Signal Processing, Machine Learning

Experience

DeveloperLook (Remote)   Sheridan, Wyoming, USA
Software Engineer (React Native)   **2024-Present**
Implementing a comprehensive flight review app based on Figma designs, enabling users to share photos with descriptions, ask questions, and search flight reviews. The app supports interactive features like upvoting, sharing,reacting and reporting reviews, creating an engaging user experience for travelers to connect and exchange insights using **React Native**.

Bangladesh Water Development Board (BWDB)   Dhaka, Bangladesh
Assistant Programmer   **2019-Present**
Designed and implemented an employee directory app for BWDB employees, facilitating easy access to comprehensive information based on their designation and office address. Additionally, this application enables employees to update their information and download various reports using **React Native, ExpressJS** and **Oracle 21c** database.

Walton High Tech Industry   Dhaka, Bangladesh
Assistant General Manager   **2018-2019**
Contributed to the development of a Human Resource Management System using **Grails**, implemented with both Groovy and Java programming languages.
Designed an api connecting the Actatek attendance device with the server to store employee attendance information, including fingerprint, password, or facial recognition data.

Softavion   Dhaka, Bangladesh
Software Engineer   **2017-2018**
Worked on a task automation software that can automate various task on desktop like excel automation, web automation, mail automation, information extract from web and store in excel using **WPF, C#, Selenium**

Bangladesh Japan Information Technology (BJIT)   Dhaka, Bangladesh
Software Engineer   **2015-2016**
Worked on a product development management using **Struts 2, Java, PHP and JavaScript**

Computer Skill

- Languages: JavaScript, TypeScript, Java, Python, PL/SQL, C, C++
- Framework and Library: React Native, ReactJS, Redux, NextJS, Struts, Groovy
- Scientific Computing: Pyhton: Numpy, Pandas, MATLAB
- Database: Oracle, SQLite
- Operating Systems: Unix/Linux, Windows

Publications	• Bangla grammar pattern recognition using shift reduce parser.
	• A Framework for Bangla Text to Speech Synthesis.
	• A case study of numerical solution of mixed convective laminar boundary layer flow around a vertical slender body with suction or blowing.

Interests	Cycling, Walking, Hanging with friends, Movie