

# Ahsanul Karim

## Full-Stack Developer

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### CARRIER OBJECTIVES

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Recent graduate with expertise in React, Node.js, and MongoDB, aspiring to transition into the software engineering industry to apply and expand my skills in a dynamic and collaborative environment.

### EDUCATION

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#### East West University

Jan 2019 - July 2023

BSC in Electronics & Telecommunication Engineering

CGPA-2.82 out of 4.00

**Thesis:** Sentimental Analysis and Opinion Mining for Business Decision Making in Python.

### EXPERIENCE

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#### Mi Bangladesh (Junior Social Media Manager)

Jul 2017 - Dec 2018

Dhaka, Bangladesh

#### Core Responsibility:

- Led customer engagement strategies, executed data visualization, and conducted data analysis, resulting in a 40% increase in social media performance.
- Executed targeted ad campaigns, driving a 25% increase in online sales during promotions.

### TECHNICAL SKILLS

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**Programming:** C++, Python, JavaScript

**Web:** HTML, CSS, NodeJs, React, MongoDB

**Misc.:** Linux, Git, GitHub

**Libraries:** Pandas, Matplotlib, Express, NextJs

**Tools:** Microsoft VScode, PyCharm, Code blocks

**Report Writing:** MS Word, MS Excel, LaTeX

### PERSONAL PROJECTS

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#### Portfolio Website

- Description: Portfolio showcasing projects and personal information.
- Tech: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB.
- Code: [GitHub](#) | [Live](#)

#### React User List Application

- Description: User-friendly React app with integrated Dummy JSON Users API
- Tech: ReactJs, Material UI, NodeJs.
- Code: [GitHub](#) | [Live](#)

#### Node Crude Application

- Description: Dynamic User information app for creating user info, deleting and update also.
- Tech: HTML, CSS, JavaScript, EJS, Nodejs, ExpressJs, MongoDB
- Code: [GitHub](#)

#### TO-DO App

- Description: A task management app with features to add, delete, and mark items as done.
- Tech: HTML, CSS, JavaScript.
- Code: [GitHub](#)

## ACADEMIC PROJECTS

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### Sentimental Analysis Using Python

- Utilized Vader, RoBERTa-base, and Transformer models to conduct sentiment analysis on textual data, maximizing insights through comprehensive analysis and optimized model performance.

### 4G/LTE Network Scenario

- Used ns-3 to simulate a 4G LTE network, replicating real-world behavior with configured base stations, user equipment, and core network components.

### Banking Networking System on Cisco Packet Tracer

- Configured and tested network components (routers, switches, firewalls) for secure and efficient communication in banking infrastructure

### SRS For Instant Messaging App

- It outlines instant messaging app's user-friendly interface, performance, security, and scalability criteria succinctly.

## LICENCES AND CERTIFICATIONS

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### Responsive Web Design (Freecodecamp)

[Show Credential](#)

### Python Data Structure (Coursera)

[Show Credential](#)

## VOLUNTEER EXPERIENCE

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### Rajbari DC Office (ICT Analyst)

- Instructed over 100 students from 5 schools in foundational programming skills, enhancing their proficiency in coding principles.
- Created special lessons that matched each student's abilities, making it easier for them to learn and enjoy coding.

### Solvers (Training for Bangladesh Bureau of Statistics)

- Conducted comprehensive training sessions for employers from 5 districts on data collection methodologies and statistical analysis tools.
- Orchestrated interactive workshops for diverse participants, simplifying complex statistical concepts through hands-on learning experiences.

## EXTRA CURRICULAR ACTIVITIES

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### East West University Telecommunication Club

- Proficiently managed and maintained website operations utilizing WordPress as a Web Developer

### ECEFC (Electronics & Communication Engineering Football Club)

- Former captain in the EWU Intra Football Fiesta, Runners-Up in 2019 and Quarterfinalists in 2022.

## REFERENCE

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### Dr. Sarwar Jahan

Associate Professor

Department of Computer Science & Engineering,  
East West University, Dhaka, Bangladesh.

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