KHANDAKER NUR MD SHAKIL

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in shakilkhandaker/ Shakilkhandaker

TECH SKILLS

Programming Language : Java
SQL HTML CSS Python
PHP

FRAMEWORK: Spring Boot
JDBC IntelliJ IDEA

Backend Services: Firebase

DATABASE : MySQL
PostgreSQL MongoDb

Project Management Tool :
JIRA

VERSION CONTROL : GitHub

Concepts : OOP
MVC Architecture
RESTful API Debugging
Problem Solving

Soft Skills : Teamwork
Communication
Project Management
Adaptability

MOST PROUD OF

🏆 **Champion in System Design Lab CSE Project Show, Summer 2022**
Project- Krishok Bondhu

🏆 **Second Runner-Up in Software Engineering Lab CSE Project Show, Fall 2022**
Project - Sohoj Thikana

💗 **Intra-University Programming Contest "UIU Coders Combat"**

SUMMARY

I am passionate about creative problem solving, ideation, project analysis, and system design. My strengths lie in generating innovative solutions, conducting in-depth analysis, and developing efficient systems.

PROJECTS

Self Cost Manager |

📅 2025

- Developed a RESTful web application to help users efficiently track, manage, and analyze their personal expenses.
- Implemented JPA-based CRUD operations for seamless data persistence and integrated PostgreSQL for reliable and scalable storage.

Technology : Java, Spring Boot, JPA, PostgreSQL, REST API, Maven, JSON, IntelliJ IDEA

Krishok Bondhu |

📅 2022 – 2023

- Krishok Bondhu (Krishok Part) (Monitoring Part)
- This mobile application serves as a platform for Farmers to avail assistance in terms of financial support.
- Developed a back-end with Java code to parse data from MySQL databases, using JSON for efficient data handling.

Technology : :Native Java, SQL , CRUD operation ,Firebase , Third party API, Weather API,Rest API, Android

Shohoj Thikana |

📅 2023

- This mobile application can provide the user with a simple solution for sharing their long house addresses.
- Implemented Google Map API and Firebase Services

Technology : Native Java, SQL , CRUD operation ,Firebase , Third party API, GOOGLE Map API, Rest API, Android

EXPERTISE

QA, Level 2 Annotator | Quantigo Ai

📅 10/2023 - 02/2024 📍 Dhaka, Bangladesh

- Identifed quality problems and recommended solutions.
- Performed visual inspections of fnished products.

THESIS

🏆 **Modelling Farmers' Financial Development of Bangladesh : Technological Aspect and Challenges**
To develop a mobile-based system for leading a better livelihood for farmers and change the traditional approach of funding in the agricultural sector using the Grow Now Pay Later (GNPL).

EDUCATION

Bachelor of Science in Computer Science and Engineering
United International University (2018-2024)
CGPA: 2.71

HSC
Khilgaon Govt High School (2014-2016) Gpa:4.00

SSC
Khilgaon Govt High School (2005-2014) Gpa: 4.56

REFERENCES

Dr. Mohammad Nurul Huda

Title: Professor, Dept. of CSE
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Address: United City, Madani Ave, Dhaka 1212
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H.M. Fazlul Haque

Title: Officer, Middleware Architecture, Information Technology Division
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CONFERENCE

Published in International Conference on Electronics and Informatics | ICEI 2024

📅 2024   📍 Dhaka, Bangladesh

- 'Krishok-Bondhu: A Tool for Improving Financial Decisions and Reducing Agricultural Risks for Farmers in Bangladesh.

Technology : In Python, basically we use a random forest tree Algo. Data processing and flux framework for model build and running.

Accepted for Publication – IEEE 28th International Conference on Computer and Information Technology | ICCIT 2025

📅 2025   📍 Bangladesh

- *Between Control and Safety: Purpose-driven Location Sharing Experiences in Bangladesh*

Focus: User-centric system design, privacy-aware features, HCI-informed software development

CO-CURRICULAR ACTIVITIES

Media and Communication Executive | UIU Computer Club

📅 04/2018 - 06/2021   📍 Dhaka, Bangladesh

- Organized meetings, conferences, workshops, seminars, as required.
- Provided leadership and direction to staff to ensure organizational efficiency and effectiveness.

Student Volunteer | UIU Cisco Network Academy

📅 03/2019 - 04/2019   📍 Dhaka, Bangladesh

- Worked as a volunteer for "UIU NetFest 2019" Arranged by UIU Cisco Network Academy.

Student Volunteer | United International University

📅 ETCCE 2020   📍 Dhaka, Bangladesh

- Worked as a volunteer for "International Conference on Emerging Technology in Computing Communication and Electronics (ETCCE 2020)" Arranged by United International University.

Student Volunteer | United International University

📅 ICCIT 2019   📍 Dhaka, Bangladesh

- Worked as a volunteer for " ICCIT 2019" organized by United International University.