NAHIN F. SIDDIQUI

CSE undergrade (4th year)

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ABOUT ME

I'm a Computer Science undergraduate in my eighth semester, with a keen focus on academic excellence. I've pursued coding alongside my studies, completing diverse projects spanning various frameworks and technologies. Proficient in website design with various framework. Developed mobile applications using both kotlin and react-native. My experience extends to working with databases, including MySQL and Oracle. I'm enthusiastic about applying my skills to impactful tech projects.

SKILLS

- C / C++ | JavaScript/React-Native | Python | SQL/PLSQL | Java/Kotlin | Assembly
- Apache Tomcat | Android studio | Git | FXML | Data-Structure | MySQL
- NumPy | PyTorch | Pandas | Scikit-Learn | Keras | NodeJS | ExpressJS
- Natural Language Processing | Long Short-Term Model | Recurrent Neural Network

EDUCATION

BSc Engg. in CSE (ongoing)
Islamic University of Technology (IUT)
CGPA - 3.88

Higher Secondary School Certificate
Gurudoyal Govt. College, Kishoreganj
GPA - 5

Secondary School Certificate
Kishoreganj Govt. Boys' High School
GPA - 5

EXPERTISE

- Front end design
- Programming
- Prompt engineering
- System Design
- Database Design
- Team management
- Debugging
- Dry run

WORK EXPERIENCE

AI Engineering Intern
Kernel Technologies Limited

Developed an AI-powered viva system for medical students using Retrieval Augmented Generation (RAG) for textbook-based viva questions and feedback.

Key skills:
- AI, RAG, NLP, Python, PyTorch, FastAPI

PROJECTS

Crop Recommender
ML based crop recommendation system to predict most suitable crop based on environmental conditions (soil nutrients, temperature, humidity, pH, and rainfall)
Language & framework: Sklearn, Python, HTML, CSS, JavaScript
Model: Random Forest, SVM, KNN

Libra
An anonymous blogging platform with embedded study tools, designed for students
Language & framework: Java, FXML, JavaFX
Database: MySQL

ShopSmart
An e-commerce website with location based filtering and search. Both new and used products are salable.
Language & framework: JavaScript, ExpressJS, NodeJS
Database: MySQL

PoorCAD
A simple drawing app consisting of multiple shapes and pen tools. Shapes can be moved, shaped and filled (colored) using the provided buttons in UI.
Language & framework: C++, SFML
Database: none

Med Planner
A mobile app for tracking medicine schedule along with available stock, warning on low stock and nearby pharmacy location.
Language & framework: Kotlin
Database: Device Storage

Fitify
A cross platform mobile application to keep track of health matrix including daily calory and fat intakes, calory burn and so on.
Language & framework: React-native, Edamam API, IBM Stepzen
Database: Firebase