

Khandaker Abrar Nadib

Software Engineer

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Experience

Optimizely

Software Engineering Intern | May 2022 - Present

— *Part of a core Optimizely development team.*

EDUCATION

Bangladesh University of Engineering and Technology (BUET)

Feb 2017 – May 2022

— *B.Sc. in Computer Science and Engineering*

— *CGPA: 3.50*

PROJECTS

Online Art Gallery

- React.js, Node.js, Express.js, MongoDB, Mongoose
- Designed an e-commerce platform for an Art Gallery and simulated virtual exhibitions using rooms.

Backend of an E-commerce Platform

- PHP, PostgreSQL
- Designed the backend of a Bikroy.com clone showcasing complex queries.

Live Cricket Scoreboard

- Java, JavaFX, Scenebuilder
- An app that displays live scores in tabular format.

Compiler for a subset of C language

- C, Flex, Bison, 8086
- A subset of C language compiled to 8086 machine code

Rendering a scene using Ray Tracing

- An interactive environment designed in C using OpenGL

TECHNICAL SKILLS

Programming Languages:

C • C++ • Java • JavaScript •

Python

Frameworks/Libraries:

React.JS • Node.JS • TypeScript •

Flask

Markup/Serialization:

HTML • LATEX • YAML • JSON

Scripting:

Bash • TCL

Database:

MongoDB • Oracle DB • MySQL •

PostgreSQL

Operating System:

Windows • Linux

Tools:

Git • Docker • Bootstrap

LANGUAGES:

Bangla- Native

English- Proficient

- Lighting implemented using the Phong model

AES (Advanced Encryption Standard)

A symmetric block cipher chosen by the U.S. government which is frequently used in software and hardware throughout the world to encrypt sensitive data.

- Encryption and Decryption algorithm for 128-bits key size implemented using **Python**.

Research Projects:

Interaction based Fake News Detection on Facebook

- Detecting fake news using interactions on Facebook.
- Employing **Machine Learning** methodologies using **Python** and **TensorFlow** to classify public Facebook posts based on authenticity.

To see more of my works, please visit my [GitHub](#) account.