

# Ashik Elahi

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## Education

### Rajshahi University of Engineering & Technology

BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND ENGINEERING

CGPA 3.18 out of 4.00

Rajshahi, Bangladesh

Feb 2019 - Apr 2024

### New Govt. Degree College, Rajshahi

HIGHER SECONDARY CERTIFICATE, SCIENCE

GPA 5.00 out of 5.00

Rajshahi, Bangladesh

July 2016 - Apr 2018

## Skills

**Problem Solving** Solved 250+ problems on Codeforces, LeetCode & others

**Framework** Android, Flutter

**Languages** C++, Java, Python, Kotlin

**Frontend** HTML, CSS, JavaScript, React

**AI & ML** Tensorflow, Keras, Scikit-Learn, Numpy

**Tools** Cisco Packet Tracer, Logisim, Digital

**Others** Git, HDL, ASM and so on

## Projects

### Sentiment Analysis from Text Data using LSTM Network

2023

- Capable of classifying user text data into six distinct sentiment categories.
- Optimal accuracy with robustness in diverse textual contexts.

### Ebook: A Digital Library for Reading and Sharing

2023

- A platform to share notes and books
- Dedicated admin panel for app management and content maintenance, enhancing user experience.

### 5 Bit CPU Design on Digital Software Simulation

2022

- Simulating basic arithmetic operations
- Custom configuration for CPU word size, register count, RAM size, and ISA.

### E-Vote: An Online Voting Platform for Transparent and Accessible Elections

2021

- Distinct user and admin panels, secure login system.
- Real-time result concealment to ensure voter privacy during the voting process.

## Researches

### Network-Shield: Exploring the Efficacy of GRU Model in Intrusion Detection Using

2024

#### CIC-IDS 2018 Dataset

- Published in 3rd International Conference on Computing Advancements - ICCA 2024
- Network intrusion detection based on packet flow analysis
- Classify 15 distinct attack types with a very impressive accuracy score and reduced computational cost