MUHID HASSAN RISVY

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GitHub ⬦ *LinkedIn*

EDUCATION

Shahjalal University of Science & Technology   May 2023
B.Sc. in Computer Science and Engineering
CGPA: 3.56/4.00 (**3.85** in the last two years).

RESEARCH EXPERIENCE

Thesis: Security Analysis of Software-Based Cryptocurrency Wallets. (Intended for submission to the journal "Cybersecurity" published by SpringerOpen).

Summary: Our research aims to identify the security issues and privacy concerns in cryptocurrency wallets. It uses vulnerability assessment tools and user reviews to evaluate the perceived security and usability. Both manual and Machine Learning approaches are used to analyze user reviews and determine the wallets' effectiveness in keeping cryptos secure.

PROJECTS

COVID-19 Vaccine Supply Chain | *GitHub*
A blockchain project implementing a private blockchain-powered supply chain to establish end-to-end traceability for the COVID-19 vaccine, while guaranteeing secure distribution and transportation.
Technology: Hyperledger Fabric, Node.js, JavaScript, Apache CouchDB.

Text Summarization | *GitHub*
A machine learning project that summarizes Bangla language using unsupervised learning where users can get both abstractive and extractive summaries of their input text.
Technology: Python.

E-commerce & Bank | *GitHub*
API-based website to simulate the functionalities of e-commerce services among 3 different organizations i.e., Customer, Supplier, and a Bank for instant transactions.
Technology: Node.js, Express.js, MongoDB.

SUST CSE Community | *GitHub*
A social networking Android app that connects current students with the alumni of CSE dept, SUST. Students can search using the alumni's name, batch, or current workplace.
Technology: Android Studio, Java.

RELATED COURSE AND SKILLS

Courses	Computer Security (A+), Cloud Computing (A+), Artificial Intelligence (A+)
Programming	Solved 850+ problems on *CodeForces*, *LeetCode*, *Vjudge*, etc.
Languages	C, C++, Java, Python, JavaScript, MATLAB.

ACCOMPLISHMENTS

Bangladesh Blockchain Olympiad 2022   June 2022
Finalist

Bangladesh Blockchain Olympiad 2021   February 2021
Finalist

EXTRA-CURRICULAR ACTIVITIES

Soccer: Champion, Intra IICT Tournament, 2019

Table Tennis: Runners-Up, Intra-Department Tournament, 2022

REFERENCES

Dr. Md Jabed Morshed Chowdhury
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