

Education and Certifications

B.Sc. Computer Science, **Bangladesh University of Engineering & Technology**

Feb 2017–April 2022

CGPA: 3.69

Areas of Interest: Software Development, Machine Learning

Relevant Courses: Software Engineering and Information System Design, Software Development, Database Systems and Management, High-Performance Database System, Computer Security, Machine Learning

Technologies and Languages

- **Languages:** C++, Java, Javascript, Python
- **Technologies:** MySQL, Postgres, MongoDB, Git, Node.js, Vue.js, Django, Keras
- **Skills:** Data structures and algorithms, Web Development

Projects

Line of Action:

Java | Slick2D | Minimax

- Used minimax & heuristic algorithms to find optimal moves for AI by implementing a Line of Action game with AI vs Human and Human vs Human playing options.

Traan-Chitro:

Vue.js | Node.js | REST API | MongoDB

- Developed a web-based relief coordination platform for non-government relief organizations in the COVID pandemic period so that those organizations can reach out to more people in need.

E-luxurious:

Vue.js | Node.js | REST API | MongoDB

- Developed a web-based property renting platform for a client which had similar functionalities to Airbnb.

MAD360:

React | Django | REST API | Postgres

- Developed a web-based experimental advertisement budget management system for Unilever which is supposed to reduce about 60% of the manual labor done before.
- Used python based mathematical modules to calculate complex budget quantities more accurately and faster than before.

Achievements

- Champion - Industrial Automation Challenge v2.0, Robo Carnival 2017 organized by Department of EEE, BUET

Certificates

- Deep Learning Specialization by deeplearning.ai - Coursera
- GIS Data Formats, Design, and Quality by UCDAVIS
- Fundamental of GIS by UCDAVIS