SAYEM SHAHAD

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SUMMARY

As an undergraduate student majoring in Computer Science and Technology, I am enthusiastic about embracing new challenges and expanding my expertise across different technology stacks. I thrive in dynamic and team-oriented development environments. Currently, I am furthering my skills in DevOps and working on Large Language Models as part of my thesis work.

EDUCATION

Bangladesh University of Engineering and Technology   *3.91/4.00*

BSc in Computer Science and Engineering   *Feb 2020 - Current*

- Currently in Level 4 Term 2

PROJECTS

BITS UNPLUGGED

github | project-website

- A platform where CS aspirants can practice CS algorithms, design problems and compete with each other.Users can participate without any coding knowledge using our visual interfaces.
- **Technical Skills:** React, NodeJs, ExpressJs, Tailwind CSS, Sequelize ORM, postgreSQL, Passport js, github action, Docker, CI/CD pipeline.

TUTOR ON LEAVE

github | Youtube

- A platform where automatic tools powered by LLMs create personalized multimodal chatbots, quizzes, and lectures, suggests problems from different websites to learn CS algorithms and data structures effectively.The multimodal chatbots reply with animations to visualize the algorithms and data structures.
- **Technical Skills:** React, FastAPI, SQLite, Chroma DB, Langchain.

EEEBot

view

- A multimodal chatbot to learn EEE topics that replies with images. User can choose among different models, prompting techniques and image options. can leave feedback.
- **Technical Skills:** FastAPI, StreamLit, Chroma DB, Langchain.

RESURGENCE

github | Youtube

- A platformer game made at BUET CSE Fest GameJam 2023.
- **Technical Skills:** GDScript, Godot Engine

GENOS

github | Youtube

- A platformer game made at GameJam 2023 organized by IEEE BUET SBC.
- **Technical Skills:** GDScript, Godot Engine

(Visit my projects for more details)

SKILLS

Web Development	ReactJs, Material UI, NodeJs, ExpressJs, FastAPI, Tailwind CSS, Bootstrap, Streamlit
Database	PostgreSQL, OracleDB, ORM, SQLite
DevOps	git, github actions, Docker, CI/CD
Machine Learning and LLM	Langchain, LlamaIndex

ACHIEVEMENTS

2024	**5th,**	in BUET at ICPC Preliminary as a part of BUET_Arekta_Team. Participating in ICPC Dhaka Regional
2024	**Honorable Mention,**	at National Blockchain Olympiad 2024 as a part of BUET_Multithreading
2023	**1st,**	at BUET Intra University Programming Contest 2023 as a part of BUET_Arekta_Team
2023	**Champion,**	at BUET CSE Fest GameJam 2023 as a part of 2 member team
2023	**2nd Runners Up,**	GameJam 2023 organized by IEEE BUET SBC as a part of 4 member team