

Syed Ahmad Reza

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Profile

Final-year Computer Science undergraduate passionate about Backend Development, MLOps, and microservices. Experienced in solving real-world challenges and eager to contribute to innovative projects benefiting smart communities

Education

Chittagong University of Engineering & Technology <i>B.S. Computer Science</i>	2020 - present <i>Current CGPA: 3.68/4.0</i>
Chittagong Cantonment Public College <i>Higher Secondary School Certificate</i>	2017 - 2019 <i>Current GPA: 5.00/5.00</i>

Coursework

Courses: Operating System, Object-Oriented Programming, Data Structures & Algorithms, Digital Image Processing, Computer Network, Natural Language Processing, Discrete Math, Computer Architecture, Probability & Statistics.

Skills

Programming Languages: C, C++, Python, JavaScript
Web Development: Django, Flask, React, HTML, CSS, Bootstrap, Tailwind
Tools & Technologies: Git/GitHub, Unix Shell, VS Code, PyCharm, Docker
Machine Learning: Numpy, Pandas, Scikit-learn, Natural Language Processing (NLP), Convolutional Neural Networks (CNNs), Recurrent Neural Networks (RNNs), Artificial Neural Networks (ANNs), Transformers.

Projects

EDUN <i>HTML/CSS, Bootstrap, Javascript, Node.js, Git, VS Code</i>	Nov. 2022
<ul style="list-style-type: none">• Worked on a team project for a 5th-semester Inter Programming course.• Built an EdTech website using HTML, CSS, JavaScript, Node.js, and MongoDB.• Learned to integrate MongoDB with backend services and APIs.	
Library Management System <i>Javaswing, MySQL</i>	Aug. 2023
<ul style="list-style-type: none">• Developed a library management system using Java Swing and MySQL.• Designed the user interface with Java Swing and managed data with MySQL.• Learned to create GUIs using Java Swing and establish communication	
Student Management System <i>Django, React, PostgreSQL</i>	Sept. 2024
<ul style="list-style-type: none">• Built a full-stack web application for student management.• Used Django for the backend, React for the frontend, and PostgreSQL as the database.• Gained experience with Django REST API and its integration with React and PostgreSQL.	

Competitive Programming

Solved 500+ problems on platforms like CodeChef (max rating 1531), Codeforces and LeetCode, focusing on algorithmic problem-solving.

Extracurricular Activities

CUET Computer Club — Member	Jan. 2021 – Present
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