

# MD ALVIN SARKAR SAKIB

Bachelor of Science  
Rajshahi University of Engineering and Technology

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## ABOUT ME

Fresh graduate in Computer Science and Engineering from RUET, passionate about problem-solving, innovation, and research. Interested in software development and system design, with a strong enthusiasm for Cloud, AI, and LLM-based technologies. Dedicated to continuous learning and improving technical expertise.

## EDUCATION

### Bachelor of Science in Computer Science and Engineering

Rajshahi University of Engineering and Technology

Jan 2020 - Aug 2025

First Class

## PERSONAL PROJECTS

### AI Recipe Finder

2023-24

An AI-driven recipe recommender that suggests meals based on available ingredients.

- Web application that recommends recipes dynamically according to the ingredients a user lists.
- Provides completely password-less access; users authenticate through a secure, face-liveness flow.
- Built with **Python (back-end)**, HTML-CSS (front-end) and Bootstrap (UI).

### Class Routines App

2022-23

A class scheduling application that allows users to organize their routines.

- Responsive planner that lets students create, edit and share weekly class schedules.
- Employs Firebase Authentication for sign-in and Cloud Firestore for real-time, cloud-hosted data.
- Developed with **Flutter & Dart**.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C++, Python, Golang, Javascript, HTML, CSS, Bash, Java

**Libraries :** C++ STL, Python Libraries, OpenGL

**Web Dev Tools:** VScode, Git, Github

**Frameworks:** Django

**Cloud/Databases:** Firebase, Relational Database (MySQL)

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

**Areas of Interest:** Software Development, System Design, Cloud, AWS, Docker, Kubernetes

**Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability

## ACADEMIC WORKS

Jan 2024 - May 2025

- **Thesis Work:** An Attention Enhanced Transfer Learning Approach for Fetal Brain Planes Classification.
- Lung Cancer Detection Comparative Analysis using 7 Machine Learning Models.

## VOLUNTEER EXPERIENCE

2023 - 2024

- **RUET CSE Cultural Night** Volunteered in organizing and managing stage events to ensure smooth execution of the departmental cultural program.
- **RUET Career Fair** Assisted in coordinating company booths and guiding participants during the university's career fair to facilitate professional networking.

## ACHIEVEMENTS

**Python (Django)** training under the Enhancing Digital Government and Economy (EDGE) project

**\*8th belt in Butthan (Martial Art)**

2020 - 2025