

B.M. Rahat Almas

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Skills

Languages: C++, Python, Golang, Dart, Javascript, SQL

Libraries and Frameworks: Fastapi, Django, Flask, Gin, React, Flutter, MySQL, Nodejs, Expressjs

Tools and Technology: Linux Command Line, Git, Docker, Jenkins, Web Socket, and WebRTC API

Projects

Automated MCQ Exam Management(Contract-Based), Mojida Foundation Nov 2024 – Dec 2024

- Developed a full-stack MCQ exam system with **Python, Fastapi, Flask, and MySQL, Flutter**.
- Implemented grading system using OpenCV by automating answer extraction, result generation, and enabling OMR sheet creation for offline exam with PDF export and result sheet download.
- Deployed and managed APIs on a **VPS**, enabling real-time testing and secure access for various use cases.

Pet Vet BD(Contract-Based), Dr. Sanjay, Veterinary Doctor Jan 2025 – Feb 2025

- Built a **React.js** and **Python** pet consultation platform with role-based interface.
- Integrated **real-time chat** using WebSockets for vet consultations, supporting text, images, and videos sharing.
- Created an admin dashboard for managing users, vets, and other administration tasks with a **MySQL** database.

Meal Planning and Food Delivery App and Website GitHub/Public/Repo

- Designed cross-platform **Flutter** apps (user and admin) and **Django** website for meal planning and budget tracking.
- Featuring a dynamic meal selection and order management system with real-time status updates.
- Used **Flutter** for app development and **REST API** powered by **Python FastApi, ExpressJs, and MySQL**.

Programming Contests

- 7th in Bijoy Ekush Programming Contest Hosted By DIU
- 15th in Unlock the algorithm programming contest Hosted By DIU
- Participated International Collegiate Programming Contest 2023
- Participated Facebook Hacker Cup 2024
- Attended Google Kickstart 2022

Experience

Programming Instructor, Private Tutor and Problem Solver sept 2022 – Dec 2022

- Instructed in **C++**, **Data Structures**, and **Algorithms** through structured tutoring, helping students master programming concepts, improve problem-solving skills, and apply theoretical knowledge to coding challenges.

Education

Daffodil International University, B.Sc in Computer Science and Engineering Sept 2020 – Dec 2024

Online Course and Certificates

Google Course on Coursera, Crash Course on Python july-2020

- Score: 94/100 (Certificate)

HackerRank, Problem Solving, (Certificate) Sept-2021