MD RIAZUL GALIB NILOY

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Dhaka, Bangladesh

OBJECTIVE

Software Engineer with 2+ years of experience in web development, seeking a full-time role to apply and further develop my skills.

EDUCATION

Bachelor of Electrical Engineering, University of Dhaka — Expected 2025
Relevant Coursework: C, JAVA, Object-Oriented Programming (OOP), Assembly Language.

Higher Secondary School Certificate, GPA 5.00 out of 5.00, Dhaka Board — 2017 - 2018

Secondary School Certificate, GPA 5.00 out of 5.00, Dhaka Board — 2015 - 2017

SKILLS

Technical Skills	Node.js, Python Flask,Database Management (MongoDB, Firebase, Cloud Firestore)
Soft Skills	Problem-Solving, Adaptability, Team Collaboration, Communication
Additional Skills	API Integration (including Stripe), UI/UX Design, Project Management

EXPERIENCE

Software Engineer (Remote) — Jul 2023 - Present
Petapator — *Hong Kong, China*

- Developed secure APIs using Node.js and Python (Flask) frameworks.
- Crafted user-friendly UI and implemented secure login/authentication using Firebase.
- Integrated API responses seamlessly into the UI.
- Integrated Firebase authentication and Firebase datastore features.
- Integrated stripe with firebase functions.

Backend Developer (Remote) — Jul 2022 - Jul 2023
Makebell — *Hong Kong, China*

- Developed secure APIs using Python (Flask) framework.
- Crafted user-friendly UI and implemented secure login/authentication using Firebase.
- Integrated stripe with firebase functions.
- Integrated Firebase authentication and Firebase datastore features.

PROJECTS

Automation-House (Private)
This project fetches all public top news from Bangladesh and shows them on a React UI.
Technologies: JavaScript, React JS

Python-QR-Code-Generator (Public)
A Python-based project for generating QR codes.
Technologies: Python

Machine-Learning (Public)
A collection of machine learning projects using Jupyter Notebook.
Technologies: Jupyter Notebook

Firebase-Using-Flask (Public)
A Python project demonstrating the use of Firebase with Flask.
Technologies: Python

Bangla-Number-Plate-Extraction (Public)
This repository contains the code and resources for training and deploying a YOLOv8-based model for Bangla Number Plate Extraction. With a dataset of 2000 annotated images for training and validation.
Technologies: Python,OpenCV,Raspberry Pi
License: MIT

Intelligent-Car-Parking-System (Public)
A project focused on developing an intelligent parking system.

BD-License-Plate-Detection-and-Text-Recognition (Private)
This repository houses a comprehensive solution for license plate detection and text recognition in Bangladesh using state-of-the-art deep learning technology.
Technologies: Python
License: MIT

Python-TicTacToe-GUI (Public)
A Python-based Tic Tac Toe game designed with HTML and CSS, running on a Python platform.
Technologies: Python, HTML, CSS

Arduino-Based Wireless Robot
An Arduino-based line follower robot project.
Technologies: Arduino IDE

EXTRA-CURRICULAR ACTIVITIES

Academic Tutor for 11th and 12th Grade Students
Provided tutoring in subjects such as Mathematics and Physics, helping students prepare for their exams and improve their academic performance. This role involved creating customized study plans, explaining complex concepts, and fostering a positive learning environment.