






# SAMAYUN PATHAN

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## OBJECTIVE

Recent Computer Science graduate with a strong foundation in Python and Django, eager to leverage my academic knowledge and hands-on project experience in building robust backend systems. Proficient in designing, developing, and deploying RESTful APIs. Possesses strong problem-solving skills and a passion for crafting clean and maintainable code. Enthusiastic about contributing to a dynamic team environment where I can learn from experienced developers and contribute to the development of cutting-edge software solutions using Python and Django.

## COMPETENCE

- Programming
- Data Structure and Algorithms
- Database
- Web Development
- Web Backend Development
- Languages: Python, C/C++, JavaScript
- Framework : Django, React ,Tkinter ,Bootstrap,Tailwind CSS
- Database : SQL (MySQL, PostgreSQL)
- Version Control : Git
- Miscellaneous : Linux ,GitHub , GitLab , Docker

## PROJECTS

**Pathan ECom**     [\[Link\]](#)     [\[Deployment Link\]](#)     Oct 2023-Feb 2024

A fully functional multi-vendor e-commerce for both vendors and customers using Django, Tailwind CSS, PostgreSQL.

- Vendor Management : Empowers multiple vendors to register, manage stores, and sell products.
- User :User registration, login, search, category views, detailed product views, cart management, and order history.
- Checkout : Users checkout process with shipping details and secure payment integration via sslcommerz.
- Vendor Admin Interface : Provides vendors tools for store management, product inventory, and sales insights.

**Burger Builder**     [\[Link\]](#)     Dec 2023

Burger Builder is an e-commerce application build using React for font-end and back-end for Django REST API.

**Font-end :** Build font-end using JavaScript React.

- Login functionality, Customize burger ingredients and add cart, Manage cart before checkout, Maintain shipping address ,View a list of past orders.

**Back-end :** Built Django back-end REST API for Burger Builder using PostgreSQL database.

- API endpoints for CRUD operations with authentication.

**Diabetes Predictor WebApp**     [\[Link\]](#)     [\[Deployment Link\]](#)     Sep 2023

Diabetes prediction a machine learning web application using Django Bootstrap and SQLite databse .

- Predictive model using AdaBoost classifier trained on relevant medical data, user interface, data entry form, prediction result.

**Corporate Asset Tracker**     [\[Link\]](#)     Mar 2024

Corporate asset tracker is Django backend restful API project.

- Track corporate assets, Delegate asset to employees for a certain period of time , Device was checked out and returned.

- Tick tack toe game using HTML CSS and JavaScript to change dice number randomly for deciding the winner of the game.

## RESEARCHWORK

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### Early Diabetes Predictive Model Based on AdaBoost Classifier     [\[ Link \]](#)

**Features :** Analyzed medical datasets to identify key risk factors and trained the model to achieve 94.73 prediction accuracy. This project explored the potential of machine learning in improving early detection and provided valuable insights into diabetes prediction using AdaBoost Classifier.

## EDUCATION

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### Patuakhali Science and Technology University

Bechelor of Science in Computer Science and Engineering

Jan 2018- Nov 2023

Patuakhali ,Bangladesh

### Narsingdi Model College

Higher Secondary

2014 – 2016

Narsingdi , Bangladesh

## ACHIEVEMENTS

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- Participated on 3 in inter University Programming Contest, PSTU.
- Solved problem around 700 on various online programming platforms (Leetcode , Hackerrank and Codeforces ).
- Achieved certificates in [Python\(Basic\)](#) , [Problem Solving\(Basic\)](#) ,[Problem Solving \(Intermediate\)](#) and [SQL\(Intermediate\)](#) in Hackerrank.
- Completed “ Full Stack Web Development with Python & Javascript “ Bohubrihi course.

## REFERENCES

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