

Md Abu Bakar Siddik

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Projects

SymptomSeek - AI-Powered Medical Diagnosis Assistant

[symptoseek-backend](#) 

- SymptomSeek is an intelligent healthcare application that uses machine learning to analyze symptoms and provide disease predictions, along with doctor recommendations and appointment booking functionality.
- **Tools Used:** NodeJS, ReactJS, TypeScript, Python, MongoDB, ML

Core Features:

- * AI Disease Prediction: Machine learning-powered symptom analysis using Random Forest Classifier
- * Doctor Recommendations: Find suitable doctors based on predicted conditions
- * Emergency Alerts: Critical health condition notifications

Flash Home Service

[flash-home-service](#) 

- A comprehensive e-commerce platform connecting customers with professional home service providers.
- **Tools Used:** PHP, HTML, CSS, JavaScript, XAMPP

Core Features:

- * Multi-User System: Customer, Worker, and Admin dashboards
- * Service Booking: Complete booking workflow with scheduling
- * Order Management: Track orders from booking to completion

Autonomous Drone

June, 2025

- Built an autonomous drone config with code with esp32-S3 and STM32 Blue pill (as flying Controller)
- Tools Used: C++

Tour-Mate

December, 2023

- Developed an application, where a user can find a group for tour for their desire locations and expected date. Also they can find tour mate for their tour by using this application.
- Tools Used: Java, JavaFX, Scene Builder, MySQL

Technical Skills

Languages: JavaScript, SQL, Python

Frameworks and Libraries: NodeJS, ReactJS, Axios, NextJS, Redux, MySQL, MongoDB, Jest

Tools: Github, Firebase, Supabase, Vercel, Figma, Jira

Education

United International University

Jan 2020 – Oct 2025

BSC in Computer Sciencen and Engineering

- GPA: 2.9/4.0 (Running)
- **Coursework:** Computer Architecture, Software Engineering, Human-Computer Interaction

Bir Shreshtha Noor Muhammad Public College

Mar 2017 – Nov 2019

Higher Secondary Certificate

- GPA: 5.0/5.0
- **Group:** Science