Bilal Ahmed Sheikh

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Summary

Computer Systems Engineering student with a focus on backend development. Skilled in Python, Django, Node.js, and databases (SQL, MongoDB). Certified in MERN Stack. Seeking a Software Developer opportunity to apply and grow my skills.

SKILLS

Programming Language: Python, JavaScript

Backend development: Django, Django Rest framework, Node.js, Express

Frontend development: HTML, CSS, JS

Databases: SQL, MongoDB

Version Control: Git

Projects

Medicart – Backend Developer (Group Project):

GitHub Link

A Django-based backend for an online pharmacy platform, enabling customer interaction, inventory management, sales tracking, and delivery operations.
• Led backend development using **Django REST Framework** to build secure, scalable APIs for customer and staff modules
• Designed and implemented **MySQL** database schema for handling products, users, orders, and deliveries efficiently
• Integrated authentication system to differentiate access for customers and pharmacy staff.

Propfolio – Backend Developer (Group Project):

GitHub Link

A real estate property management platform that enables users to view listings and manage property appointments through an interactive dashboard.
• Developed backend functionality using **Django** to handle user authentication, appointment scheduling, and dynamic property data
• Integrated **MySQL** for efficient storage and retrieval of user, appointment, and property data
• Implemented environment variable support for secure database access

Pen sphere – Backend Developer (Individual Project):

GitHub Link

A blog posting platform where creators can publish blogs and users can explore, filter, and interact with various posts.
• Developed secure RESTful APIs using **Node.js** and **Express** for blog creation, user interaction, and content retrieval
• Designed **MongoDB** schemas to manage users, blog posts, likes, and filters efficiently
• Implemented **JWT-based authentication** to securely manage user login and access control
• Added functionality for users to **like blogs** and **filter posts** by category or keywords

Education

NED University of Engineering and Technology   2022 – Ongoing (7th semester)

Computer Systems Engineering (BE)

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