

IMRAN NAZIR EMON

in [linkedin.com/in/emoncse](https://www.linkedin.com/in/emoncse) github.com/emoncse
☎ +8801773580898 @ imran.uapcse@gmail.com
📍 40, Mollapara, West Kafrul
🏠 Sher-e-Bangla Nagar, Dhaka-1207



Software Engineer with a focus on Backend Development and DevOps, experienced in Python (Django, Flask) and scalable database systems using PostgreSQL, MySQL, and Redis. Skilled in AWS, Docker, and Jenkins, with a strong track record of optimizing back-end architecture and streamlining deployments.

SKILLS

Programming	Python, C++
Frameworks	Django, Django Rest Framework, Odoo, Celery/RabbitMQ
Database	PostgreSQL, MySQL, MongoDB, Firebase, Redis
Development Tools	Git, Jenkins, Docker
Web Server & Load Balancer	NGINX, Gunicorn, Apache2
Operating System	Debian based Linux, Amazon Linux
AWS Services	Elastic Computing (EC2), S3 Bucket, Route53, Redshift, AmazonRDS
Linux Expertise	CLI, System Admin., Permissions and Ownership, Deployment
Monitoring Tools	Prometheus, Grafana
Server Experience	AWS EC2, Digital Ocean, Azure
Others	Metabase, Jenkins - Groovy,

PROFESSIONAL EXPERIENCE

Present February, 2025	Software Engineer (Backend & DevOps), GENIUS FARMS LIMITED, Dhaka, Bangladesh <ul style="list-style-type: none">➤ Designed and maintained scalable backend systems to support agri-tech platforms with high data throughput.➤ Developed and optimized RESTful APIs and database queries for efficient data processing.➤ Implemented CI/CD pipelines and container orchestration to streamline deployments and ensure system stability.➤ Deployed DevOps monitoring tools for proactive performance tracking and issue resolution.➤ Collaborated with product and operations teams to align backend architecture with business objectives. <div>Python Django FastAPI Odoo PostgreSQL Jenkins Docker Linux nginx Load Balancer AWS EC2 S3</div>
February, 2025 March, 2024	Software Engineer (Backend & DevOps), TECHSIST LIMITED INC, Baridhara DOHS <ul style="list-style-type: none">➤ Delivered backend solutions and infrastructure automation for SaaS products including Borgo and UXProLabs.➤ Built secure, scalable APIs using Django REST Framework and managed relational data with PostgreSQL.➤ Streamlined deployment workflows using Docker, Jenkins, and Azure-based infrastructure.➤ Implemented system monitoring and logging tools to ensure reliability and performance. <div>Python Django REST Framework PostgreSQL Docker Jenkins Git Azure Services</div>
February, 2024 February, 2023	Software Engineer, EIGOOO INC, Tokyo, Japan <ul style="list-style-type: none">➤ Integrated Django REST Framework into core platforms such as Parasuke, EigoooMNA, and other internal tools.➤ Developed and maintained backend services with Django to enhance user experience and API reliability.➤ Managed cloud infrastructure and deployments using AWS services for high availability.➤ Ensured clean, maintainable code adhering to best practices and internal coding standards.➤ Collaborated with global teams to track project progress and implement product updates effectively. <div>NGINX IntelliJ IDEA Python Django Django REST Framework PostgreSQL MySQL Jenkins Git AWS</div>
December 2022 July, 2022	Lecturer, CENTRAL UNIVERSITY OF SCIENCE & TECHNOLOGY, Mirpur, Dhaka (Onsite) <ul style="list-style-type: none">➤ Conducted lectures on data structures, algorithms, and core C++ programming concepts.➤ Mentored students in competitive programming and algorithmic problem-solving.➤ Delivered hands-on sessions focusing on sorting, searching, and ad-hoc problem strategies. <div>C++ Data Structures Algorithms IntelliJ IDEA Git</div>

ONLINE ACTIVITY

- >  Codeforces
- >  Toph
- >  vJudge
- >  UVa Online Judge

ACHIEVEMENTS & SOCIAL WORK

- > **2nd Runner-up** – Hackathon, BUP
- > **1st Runner-up** – Ideathon 2022, UAP
- > **1st Runner-up** – SnH Carnival 2022, UAP
- > **Team Lead** – Tech Team, ICPC World Finals 2022
- > **President (Former)** – Software & Hardware Club, UAP

PROJECTS

DR. CHASHI – ML-BASED AGRICULTURE APPLICATION

BACKEND

 [Live](#)

Contributed to the backend development of Dr. Chashi, a machine learning-powered agriculture support platform. Integrated external Weather and Location APIs to enhance crop advisory capabilities. Implemented secure authentication and developed RESTful APIs to support both mobile and web platforms. Ensured a scalable and maintainable backend architecture to facilitate real-time farmer interactions.

[Python](#) [Django REST Framework](#) [PostgreSQL](#) [Docker](#) [Jenkins](#) [AWS Services](#)

BORGIO – SAAS UNIVERSITY MANAGEMENT PORTAL

BACKEND

 [Live](#)

Borgio is a comprehensive SaaS solution for educational institutions. It manages student enrollment, attendance, grading, finances, and communication between students, teachers, and parents. The platform helps institutions streamline operations, improve communication, and centralize administrative tasks.

[Python](#) [Django REST Framework](#) [PostgreSQL](#) [Docker](#) [Jenkins](#) [AWS Services](#)

UMAR – EDUCATION CONSULTANCY PORTAL

BACKEND

 [Live](#)

Umar is a consultancy platform that offers personalized guidance and tools to help students navigate global education systems, manage university applications, and connect with institutions.

[Python](#) [Django REST Framework](#) [PostgreSQL](#) [Docker](#) [AWS Services](#)

RESTAURANT MANAGEMENT SYSTEM (RMS)

BACKEND

 [Repository](#)

RMS is a complete solution designed to automate restaurant operations including order management, table reservations, billing, inventory, and staff scheduling. The system aims to improve customer experience and operational efficiency.

[Python](#) [Django](#) [SQLite](#)

UX PRO LABS

BACKEND

 [Live](#)

Backend system for a real estate transaction platform in Bangladesh, providing faster, transparent, and hassle-free property transfer experiences.

[Django REST Framework](#) [PostgreSQL](#) [Jenkins](#) [Docker](#) [AWS EC2](#) [S3](#)

CSE UAP WEB APPLICATION

BACKEND

 [Live](#)  [GitHub](#)

Developed the official web application for the Computer Science & Engineering department at the University of Asia Pacific. Features include class schedules, academic calendars, faculty details, and student resources.

[Python](#) [Django](#) [JavaScript](#) [MySQL](#) [Jenkins](#)

EWALLET – MICRO FINANCIAL APPLICATION

BACKEND

 [Live](#)  [GitHub](#)

Built a micro-finance platform enabling users to manage digital savings, investments, and loans.

[Python](#) [Django](#) [JavaScript](#) [SQLite3](#)

EDUCATION

2018 - 2023 **University of Asia Pacific**
B.Sc Engg. in Computer Science and Engineering
CGPA: 3.35 / 4.00