Vasha Quddus

Student

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in *Vasha Quddus*
○ vqsplash

Goal-oriented engineer building reliable, maintainable software.

Profile

Enthusiastic Computer Science undergraduate with hands-on experience in Python, C++, machine learning, and software development. Skilled in building real-world projects such as crop disease detection systems, reporting platforms, workflow diagrams, and algorithm implementations. Strong problem-solving ability with interest in AI, backend development, and system design.

Experience & Activities

- Competitive Programming, IPC, BUBT, Dhaka, Bangladesh
- Robotics, Esonance, IUT, Gazipur, Bangladesh
- Hackathon, Tech Fusion, BUBT, Dhaka,Bangladesh

Education

2023–Present	**B.Sc. in Computer Science and Engineering**, *Bangladesh University of Business and Technology*, Dhaka, Bangladesh, *CGPA 3.99* Relevant coursework: Algorithms, Databases, Operating Systems, Software Engineering.

Selected Projects

Realtime Analytics	Built a realtime analytics pipeline using Kafka, Spark Streaming, and ClickHouse to process event data at 10k events/sec.
Crop Disease Detector	Developed a TensorFlow-based image classifier to detect crop diseases (accuracy: 92%); included a Flask web UI and mobile-ready API.
Habit Tracker	Created a cross-platform habit-tracking app with analytics and habit-streak algorithms; used SQLite and REST API backend.

Technical Skills

Languages	Python, JavaScript (Node.js), C++, SQL, Bash
Frameworks / Tools	FastAPI, Django, React, Docker, Kubernetes, Git, Kafka, Spark
Databases	PostgreSQL, MySQL, MongoDB, ClickHouse
Cloud / DevOps	AWS (EC2, S3, RDS), GitHub Actions, Terraform (basic)

Certifications & Awards

2024	AWS Certified Developer – Associate (example)
2025	Dean's Award, BUBT

Publications & Talks

2023	Speaker: "Scaling Event-Driven Systems" — Dhaka Tech Summit
2024	Article: "Designing Maintainable Microservices" on DevNotes

Languages

Bengali	Native
English	Professional

Interests

Open-source, running, mentoring, photography

References

Jahid Tanvir Lecturer, Department of CSE