

NAHIAN ALAM

Dhaka, Bangladesh | +880 1979-447493 | alamnahanofficial@gmail.com

LinkedIn: linkedin.com/in/nahian-alam | GitHub: github.com/alamnahianofficial | Portfolio: nahian.ami.bd

PROFESSIONAL SUMMARY

AI Engineer who turns ideas into working systems. Currently building computer vision projects at ANTS Drone Hub, including real-time face recognition and attendance systems. First-author of a Q1 deep learning research paper.

WORK EXPERIENCE

Software Engineer L1 (AI & Computer Vision)

ANTS Drone Hub, Uttara, Dhaka

April 2026 – Present

- Working on a multi-camera face recognition and attendance system used in real workplaces.
- The system tracks check-in, check-out, late arrival, early leave, present and absent status for every employee.
- Managers can view daily, weekly and monthly attendance reports and see who is currently in which room.
- Supports restricted area alerts, blacklist detection, and other security notifications.
- Currently building a parking ticket system that reads number plates automatically.
- Also contributed to the company website (antsbd.com).

EDUCATION

B.Sc. in Software Engineering

Daffodil International University, Bangladesh | CGPA: 3.42 / 4.00 | 2025

TECHNICAL SKILLS

- **AI & Computer Vision:** Face recognition, InsightFace, YOLO, MediaPipe, TensorFlow, PyTorch, model training and testing
- **Programming:** Python, Next.js, React, TypeScript, Django, Flask
- **Backend & Infrastructure:** WebSocket, Webhook, Nginx, Docker, REST APIs
- **Data:** NumPy, Pandas, SQL, data cleaning and analysis
- **Tools:** Git, VS Code, Jupyter, Google Colab, Supabase
- **Web:** HTML, CSS, JavaScript, Tailwind CSS

RESEARCH PUBLICATIONS

FruitNet-V4X: A Lightweight Explainable Deep Learning Architecture for Fruit Quality Assessment (First Author)

Smart Agricultural Technology (Elsevier), August 2026 | Q1 Journal | DOI: 10.1016/j.atech.2026.102176

- Built a lightweight deep learning model that classifies fruit quality and detects chemical adulteration with 95.51% accuracy.

Brain Tumor Classification from MRI Images (Author)

Manuscript submitted

Gastric Cancer Image Classification Framework (Co-Author)

Manuscript submitted

PROJECTS

Oculus — Intelligent Vision Secure Operation

Python, YOLO, MediaPipe, InsightFace, Computer Vision, Deep Learning

- Real-time face recognition and attendance system with anti-spoofing, bag detection, security alerts, and attendance analytics. Tracks check-in/out, late, present/absent, and restricted area access using existing CCTV cameras.

CV Dada – AI Powered CV Maker

Next.js, React, TypeScript, Google Gemini

- A free online tool that helps people create professional CVs. Users can generate content with AI, upload an old CV to auto-fill, check ATS score, and download as DOCX. Everything runs in the browser – no account needed.

Kynura – Digital Business Card

Next.js, React, TypeScript, Supabase

- A web app where users create digital business cards that can be shared by NFC tap, QR code, or a public link. Supports profile customization and basic analytics.

ANTS Website (antsbd.com)

Next.js, Storyblok CMS

- Worked on the company marketing website covering services, industries, products, case studies, and careers.

Spark Website (sparkdhaka.org)

HTML, CSS, JavaScript

- Built the website for Spark, a coaching centre in Uttara offering O Level, A Level and IELTS classes.

LANGUAGES

English – Professional working proficiency | Bangla – Native

REFERENCE

Abu Kowshir Bitto

AI Solution Specialist — BRAC

Phone: +880 1706-159566 | Email: abu.kowshir777@gmail.com