Atiqur Rahman

Hamburg, Germany
atiqur.pilot@gmail.com — +47 45808855
atiq.no — [LinkedIn](#) — [GitHub](#) — [Photography Portfolio](#)

Professional Experience

Beagle Systems – Drone Pilot & Technician   Hamburg, Germany
May 2025 – Present

- Licensed A1/A2/A3 Drone Pilot (EASA certified).
- Conduct drone piloting operations and technical maintenance.
- Take part in engineering activities and UAV test flights.
- Assemble and deploy UAVs for infrastructure inspection and customer operations.
- Collaborate with cross-functional teams in an innovative startup environment.

TOPSeven – Drone R&D (Werkstudent)   Emden, Germany
Oct 2024 – Mar 2025

- Built drones from scratch; integrated sensors, payloads, and communication systems.
- Configured firmware for Pixhawk & CubePilot flight controllers.
- Developed Android app for drone control with Java (MavSDK).
- Modeled custom UAV components using Fusion 360; performed SITL simulations.

Robot Aviation – UAV Systems Intern   Hønefoss, Norway
Nov 2023 – Jun 2024

- Conducted UAV test flights and troubleshooting of aerial platforms.
- Integrated advanced sensors (e.g., FLIR radioactivity sensor) into UAVs.
- Configured dual-channel MPDDL and 4G high-bandwidth communication modules.
- Automated ground station setup, reducing prep time by 70% (Bash scripting).
- Developed a Flight Logger system (HTML, PHP, MySQL) for drone data tracking.
- Designed secure multi-layer cloud backup solution.

Home & Marine – Network Testing Technician (Summer Student)   Bremen, Germany
Jul 2024 – Sep 2024

- Worked on Disney Cruise ship IT infrastructure; tested and troubleshot maritime networks.
- Conducted fault analysis and documented procedures to improve system reliability.

CodeFix IT – IT Support Engineer   Dhaka, Bangladesh
Jan 2018 – Nov 2019

- Provided server and network support; configured and maintained Linux systems.
- Delivered technical support bridging dev teams and customers.
- Implemented data backups and IT security measures.

Projects

- **ConBot:** Automated SITL setup script for ArduPilot (contributed to open source).
- **Flight Logger:** Web-based UAV flight log management system (HTML, PHP, MySQL).
- **IoT Security & Control System:** Real-time monitoring & notification system (C++, HTML, JS).

- **Facial Recognition Secured Access:** ML-based ESP32/C++ system for authentication.
- **Other IoT Projects:** Weather Station, Irrigation System, Smart Home Automation, Biometric Attendance.

Education

University of Oslo – M.Sc. Programming & System Architecture (Thesis remaining)
University of Development Alternative – B.Sc. Computer Science & Engineering

Voluntary / Other Experience

- Founding President – Hridoye Bangladesh (400+ members community in Norway).
- Board Member (Daglig Leder) – Kringjå Cricket Club, Norges Cricket Forbund.
- Freelance Photographer (Portfolio).

References

Niklas Nyroth – CEO, Robot Aviation AS
niklas.nyroth@robotaviation.com — +47 90652502

Cem Yolcubal – Drone Prototype Developer & Test Pilot, TOPseven GmbH
cem.yolcubal@topseven.com — +49 15170551030

Farzan M. Noori – Postdoctoral Researcher, University of Oslo
farzanmn@ifi.uio.no — +47 91255115