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Work Experience

Beagle Systems — Drone Pilot & Technician

Hamburg, Germany

May 2025 – Present

- Licensed A1/A2/A3 Drone Pilot (EASA certified).
- Conduct drone piloting, technical maintenance, repair, and assembly.
- Participate in engineering activities, UAV system integration, and hardware/firmware development.
- Perform test flights, validation, and evaluation of new UAV solutions.
- Support project preparation, coordination, and HSE routines.
- Manage UAV fleet operations including scheduling, documentation, and compliance reporting.
- Assist in training and onboarding of new colleagues and drone pilots.
- Travel on short notice to meet clients, conduct demonstrations, and represent company operations.

TOPSeven GmbH — Drone R&D (Werkstudent)

Emden, Germany

Oct 2024 – Mar 2025

- Built drones from scratch; integrated sensors and payloads.
- Configured firmware for Pixhawk & CubePilot flight controllers.
- Developed Android application for UAV control using Java (MavSDK).
- Worked with industrial drones and inspection sensors; performed SITL simulations.

Robot Aviation — UAV Systems Intern

Hønefoss, Norway

Nov 2023 – Jun 2024

- Performed UAV test flights and troubleshooting of aerial systems.
- Configured dual-channel **PMDDL** and 4G high-bandwidth communication modules.
- Integrated advanced sensors (e.g., FLIR) for inspection missions.
- Documented results, prepared reports, and supported system validation.
- Assisted in training colleagues and apprentices on setup and operation.

Home & Marine — Network Testing Technician (Summer Student)

Bremen,

Germany

Jul 2024 – Sep 2024

- Worked on IT infrastructure onboard Disney Cruise Ship (Disney Treasure 2).
- Performed troubleshooting, configuration, and fault analysis.
- Documented technical procedures to support system reliability.

CodeFix IT — IT Support Engineer

Dhaka, Bangladesh

Jan 2018 – Nov 2019

- Provided server and network support; configured and maintained Linux systems.
- Implemented data security protocols and backup solutions.
- Supported customers and development team with technical troubleshooting.

Projects

- **ConBot (Bash):** 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 and notification (C++, HTML, JS).
- **Facial Recognition Access:** ML-based ESP32/C++ authentication system.
- **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

- Founder & President — Hridoye Bangladesh (400+ members community in Norway).
- Board Leader (Daglig Leder) — Kringjå Cricket Club, Norges Cricket Forbund.
- [Freelance Photographer \(Portfolio\)](#).

References

Niklas Nyroth — CEO, Robot Aviation AS

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Cem Yolcubal — Drone Pilot, Beagle Systems (formerly TOPSeven)

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Farzan M. Noori — Postdoctoral Research Fellow, University of Oslo

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