



Dhaka

Bangladesh

📱 +880-167-1659714

✉️ khairulhaq52@gmail.com

👤 jummon-koshai

Upwork Profile

# Mohammad Khairul Haque

## Machine Learning & AI Software Developer

### Career Objective

- Aspiring Machine Learning and AI Software Engineer with hands-on experience in developing AI-powered applications and full-stack systems.
- Focused on building scalable, efficient, and well-documented software solutions using modern machine learning frameworks and cloud-based tools.
- Seeking opportunities to contribute to real-world AI systems while continuously strengthening expertise in machine learning and software architecture.

### Academic Qualifications

**Bachelor of Science in Computer Science and Engineering (CSE), Bangladesh University of Business and Technology (BUBT), Dhaka, Bangladesh.** 2024–Present  
Currently pursuing; expected graduation: 2027.

**Higher Secondary Certificate (HSC), Monipur Uchcha Vidyalaya and College (MUBC), Dhaka, Bangladesh.** 2020–2022  
GPA: 5.00 (Bangladesh grading scale)

### Professional Experience

**Freelance Software Developer, Self-Employed / Remote, Dhaka, Bangladesh.** 2024–Present

- Delivered custom software solutions for international clients via platforms such as Upwork.
- Developed AI-powered features using Python and machine learning libraries.
- Integrated models into web-based applications.
- Ensured clean, maintainable source code with technical documentation.
- Collaborated closely with clients to analyze requirements, refine system design, and deliver scalable solutions within deadlines.

**Junior Developer, Startup Inc.**, Dhaka, Bangladesh.**2021–2023**

- Assisted in developing mobile and web applications.
- Optimized database queries.
- Contributed to open-source projects on GitHub.
- Gained practical experience in collaborative development workflows and version control.

## Skills

**Programming Languages:** Python (Advanced), Java, C++**Machine Learning:** Supervised & Unsupervised Learning, Model Training, Model Tuning**AI & ML Frameworks:** PyTorch, TensorFlow, Keras, OpenCV**Data Processing:** NumPy, Pandas**Web & Full-Stack:** HTML, CSS, JavaScript, React**Databases:** SQL, MongoDB**Cloud & Tools:** Git, Docker, AWS (Basic), Linux**Concepts:** REST APIs, Scalable Systems, Version Control**Soft Skills:** Problem Solving, Technical Documentation**Languages:** English (Fluent), Bengali (Native)

## Projects

**2023–2024: BDSoil:** AI-enabled platform where users can input land data to receive automated soil analysis and advanced recommendations, supporting smarter agricultural and land-use decisions.**2023–2024: Prishtoposhokota Sohaihok:** AI-powered personal finance co-pilot designed to deliver predictive insights, personalized financial guidance, and autonomous optimization for smarter money management.**2022–2023: JMMN X SHAW:** Personal/full-stack web project showcasing dynamic content handling, backend logic, and database integration.

## Training & Certifications

**2024: ICPC Certificate:** International Collegiate Programming Contest Certificate

## Awards & Achievements

**2022: Basketball Team Champion:** Monipur Uchcha Vidyalaya and College (MUBC)

## References

Available upon request.

Md. Samsu Uddin, Senior Vice President at BRAC Bank PLC — Email: sajuahmed16@gmail.com

Russell M. Jahangir, Country Manager (Bangladesh), Bangor University, UK — Email: r.jahangir@bangor.ac.uk