



Md. Ruyel Miah

Date of birth: 5 Jul 1996 **Nationality:** Bangladeshi **Gender:** Male
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ABOUT ME

I started my career as a Highway Design Engineer, where I realized that a deep understanding of soil behavior is fundamental to the safety and performance of any infrastructure project. This motivated me to pursue a Master's degree in Civil Engineering at Politecnico di Milano, specializing in geotechnical engineering. I aim to continue with a PhD and build a career that integrates research, academia, and professional practice in soil mechanics.

EDUCATION AND TRAINING

10 SEP 2024 – Running MILAN, Italy

MASTER'S OF SCIENCE IN CIVIL ENGINEERING (Politecnico di Milano)

Address: Piazza Leonardo da Vinci, 32, 20133 Milano MI, Italy **Field of study:** Civil Engineering

1 JUN 2016 – 6 JAN 2021 Dhaka, Bangladesh

BACHELOR OF SCIENCE IN CIVIL ENGINEERING (University of Asia Pacific)

Address: 74/A, Green Road, Farmgate, 1205, Dhaka, Bangladesh **Field of study:** Civil Engineering
Final grade: 3.89 out of 4.00 **Type of credits:** Bangladeshi Credit System **Number of credits:** 161
Thesis: Design of earth retaining system for deep excavation using geo5

1 JAN 2012 – 19 APR 2016 Dinajpur, Bangladesh

DIPLOMA IN ARCHITECTURE AND INTERIOR DESIGN (Dinajpur Polytechnic Institute)

Address: Phulbari Rd, 5200, Dinajpur, Bangladesh
Field of study: Architecture
Final grade: 3.59 out of 4.00 **Thesis:** N/A

RANGPUR, Bangladesh

SECONDARY SCHOOL CERTIFICATE (Ranipukur High School and College)

Address: Ranipukur, 5460, RANGPUR, Bangladesh
Field of study: Education science **Final grade:** 5.00 out of 5.00
Thesis: N/A

WORK EXPERIENCE

1 JUL 2024 – ongoing (Remotely) Sylhet, Bangladesh (Improvement of Dhaka-Sylhet National Highway, DS12A)

ENGINEER (CHINA RAILWAY FIRST GROUP CO. LTD.,)

Design highway - horizontal alignment and vertical profile (national (n2 - 4 lanes) according to AASHTO - 2011 and IRC guidelines. Works on highway cross sections and assists survey teams to properly do their work.

1 JAN 2023 – 30 JUN 2024 Sylhet, Bangladesh (Improvement of Dhaka-Sylhet National Highway, DS12A)

ENGINEER (SINOHYDRO ENGINEERING BUREAU 8 CORPORATION LIMITED)

Design highway - horizontal alignment and vertical profile (national (n2 - 4 lanes) according to AASHTO - 2011 and IRC guidelines. Works on highway cross sections and assists survey teams to properly do their work.

20 JUL 2021 – 31 DEC 2022 Sirajganj, Bangladesh (Improvement of Hatikumrul Interchange, Sirajganj, WP13)

ENGINEER (CHINA RAILWAY CONSTRUCTION BRIDGE ENGINEERING BUREAU GROUP CO., LTD.)

Design highway - horizontal alignment and vertical profile (national (n2 - 4 lanes) according to AASHTO - 2011 and IRC guidelines. Works on highway cross sections and assists survey teams to properly do their work.

18 JAN 2021 – 18 JUL 2021

LECTURER (UNIVERSITY OF ASIA PACIFIC)

Interviewing course applicants, lecture planning, preparation, and research, contact and teaching time with students, checking and assessing students' work, encouraging personal development via tutorial or pastoral work, invigilating examinations, attending staff meetings, general administration, writing research proposals, papers, and other publications, reading academic journals.

● LANGUAGE SKILLS

Mother tongue(s): **BANGLA**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
HINDI	B2	A1	B1	B1	A1
ENGLISH	C1	B2	C1	C1	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

IELTS SCORE: 7.0

● DIGITAL SKILLS

Microsoft Office | Microsoft Word | Microsoft PowerPoint | Power Point | social media | Google Drive | Skype | Instagram | Facebook | Organizational and planning skills | Microsoft Excel | Microsoft Project | Arc GIS | Auto CAD | Civil 3D | ETABS

● ADDITIONAL INFORMATION

NETWORKS AND MEMBERSHIPS

21 JAN 2020 – CURRENT Dhaka

The Institution of Engineers, Bangladesh

CONFERENCES AND SEMINARS

28 DEC 2017 – Dhaka

Seminar on "Challenges in Deep Excavation, December 28, 2017, by sheikh Muhammad Ferdous."

15 MAY 2018 – Dhaka

Seminar on "Sustainable Development Practices in Bangladesh, May 15, 2018, by Mohammad Abdul Baten."

13 DEC 2018 – Dhaka

Seminar on "Slope Stabilization Using Soil Nail System, December 13, 2018, by sheikh Muhammad Ferdous."

20 NOV 2019 – Dhaka

Seminar on "Karnaphuli Tunnel Project, November 20, 2019"

VOLUNTEERING

15 JUL 2016 – 16 DEC 2020 Dhaka
UAP-CE, Math Club

20 OCT 2022 – 26 OCT 2022 Sirajganj
Sanitation and Hygiene

EXTRA-CURRICULAR ACTIVITIES

2nd position in the competition of "Maximum Slump at Maximum Strength Competition" arranged by ACI (American Concrete Institute - Student Chapter

2nd position in Presentation Competition arranged by UAP-CE, Geotechnical Engineering Club

1st position in Poster Competition arranged by UAP-CE, Math Club.

Part time article writer at "<http://thepetgrooming.com>

Participate in "Inter-Department Programming Contest -2018" arranged by UAP-CSE

HONOURS AND AWARDS

Merit Award – University of Asia Pacific 5 times Vice Chancellor and 3 times Dean award throughout 4 years of undergraduate life.

I hope that my qualifications, experience, and achievements have provided you with a comprehensive understanding of my professional profile. I am enthusiastic about contributing my skills and expertise to your organization and look forward to the opportunity to discuss my candidacy further. Thank you again for considering my application.

Milano, 17 February 2026



Md. Ruyel Miah