

A. K. M. RUBYAT HASAN APU

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Summary

A highly motivated and detail-oriented aspiring civil engineer with a strong foundation in structural analysis design and management. Seeking opportunity to apply technical expertise, contribute to innovative projects, and gain practical experience while working toward professional licensure. Passionate about pursuing higher studies to contribute to sustainable and safe urban development.

Academic Qualification

Degree	Institution	Subject/Group	Results	Passing year
B.Sc.	University of Asia Pacific	Civil Engineering	3.52/4.00	2024
HSC	B C I C College	Science	4.42/5.00	2019
SSC	Monipur High School	Science	5.00/5.00	2017

Professional Experience

- 1) Junior Engineer** **October 2024 – August 2025**
Thikana Living & Consultant Ltd, Dhaka, Bangladesh
- Assisted in structural analysis of multi-storied buildings using ETABS and STAAD Pro.
 - Conducted on-site inspections.
 - Prepared technical drawings with AutoCAD.
 - Contributed to infrastructure project planning.

Projects & Thesis

- 1) Undergraduate academic thesis** **July 2024**
Title: "A Comprehensive Approach to Retrofitting RC Building Using Nonlinear Pushover Analysis."
- 2) Undergraduate academic projects**
- CE412 Structural Engineering Lab II course project titled, "Analysis and Design of a Multi-storied RC Building as per BNBC 2020." **June 2024**
 - CE 419: Structural Engineering VII (Introduction to Finite Element Method) course project titled, "Comparison of Horizontal Stiffness and Natural Frequencies of a Metro Rail Pier: Hand Calculation vs. ETABS Analysis" **April 2024**

Conference Presentations

- 1) The 8th International Conference on Engineering Research, Innovation and Education (ICERIE 2025)** **April 2025**
- Presented paper title, "Comparison of Seismic Responses of RC Frame Structures for Varying Soil Conditions and Support Configurations"

Trainings & Workshops

- 1) Bearing Pad Design and Installation** **November 2025**
- Duration: 1 hour
 - Organized by Qlearn
- 2) Introduction to PPA-2006 & PPR-2008** **July 2025**
- Duration: 10 hours
 - Organized by Civil Engineering Division of Institute of Engineers Bangladesh (IEB)
- 3) Key Concepts of Project Management & Their Application in Bangladesh** **July 2025**
- Duration: 10 hours
 - Organized by Civil Engineering Division of Institute of Engineers Bangladesh (IEB)
- 4) Fire Safety Training** **February 2025**
- Session conducted by Acumen Haven

5) Interpreting Foundation Design Parameters from Geotechnical Subsoil Investigation Report

October 2024

- Duration: 3 hours
- Organized by Advanced Infrastructure Management (AIM)

Technical Skills

- ETABS 2022
- Autodesk AutoCAD 2025
- Programming language: C++, Python
- STAAD Pro V8i
- Autodesk Revit 2025
- Referencing Tool: Zotero

Membership & Extracurricular Activities

- **Associate Member**
The Institution of Engineers, Bangladesh
Membership No: A-27466
- **Former President**
ACI Student Chapter, UAP
From 2023-2024
Student Membership No: 2106448
- **Executive Member**
CE Math Club, UAP
From 2023-2024

Achievements

- 1) **Vice Chancellor's meritorious student award in Spring 2020** Issued on August 2023
(Award for academic excellence (3.90+ GPA out of 4.00))
- 2) **Certified Supply Chain Analyst™ (CSCA™)** Issued on August 2023
(Participated and won 100% scholarship in ISCEA PTAK Prize Global Supply Chain Case Competition, which helped me to get this certification) Expiration on October 2024
- 3) **2nd position in Project Competition in Fall 2021** April 2022
 - Project Name: Amphibious House
 - Organized by Civil Engineering Structure Club of University of Asia Pacific
- 4) **1st position in AutoCAD Detailing Competition in Spring 2021** December 2021
 - Organized by Civil Engineering Structure Club of University of Asia Pacific
- 5) **2nd position in Presentation Competition in Spring 21** December 2021
 - Topic: Sustainable Utilization of Blended and Fly Ash Cement for Developing concrete Structure
 - Organized by Civil Engineering Structure Club of University of Asia Pacific
- 6) **2nd position in Project Competition in Science Festival-2018** February 2018
 - Project Name: Multi-Product Seawater Processing System
 - Organized by Monipur Uchcha Vidyalaya & College

Language

- **Bengali**
Proficiency: Native
- **English**
Proficiency: Proficient User
IELTS Band Score 7 (CEFR C1)

References

Syed Jamal Uddin Ahmed
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Department of Civil Engineering,
University of Asia Pacific
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Md. Nazmul Alam
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Declaration

I hereby declare that above mentioned information is true in the best of my knowledge and belief.



A. K. M. Rubyat Hasan Apu
Date: 17-11-2025