

# Md. Nafeez Rahman



## Curriculum Vitae

Date of Birth: 1991.11.17  
Address: Flat#1004, Build#14, Japan Garden City, Ring Road, Mohammadpur,  
Dhaka-1207, Bangladesh  
Phone: +88 (0)1778-183-786  
E-mail: [nafeezrahman.du@gmail.com](mailto:nafeezrahman.du@gmail.com)

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## Work Experience

**09.19–present Electrical Engineer, Prokaushal Upodesta Limited (PUL), Uttara, Dhaka**

Engage in existing overhead distribution network inventory, GIS network mapping, and Single Line Diagram preparation.

**03.18–09.19 Trainee Engineer, O&M Solutions Bangladesh Limited, Gulshan 2, Dhaka**

Responsible for monitoring all ongoing projects and reports to the company. Involved in site inspection under APSCL feasibility study of 1320MW CCPP at Gaibandha, Rangpur. Monitoring Underground Cabling System feasibility Studies and GIS inventory work under BREB.

**04.17–09.17 Trainee (Research), Solarus Sunpower AB, Gavle, Sweden.**

Responsibilities:

- Quasi-dynamic testing on flat plate solar thermal collector
- Electrical and Thermal performance analysis
- Electrical measurements in concentrated PVT collector
- Project management and International relation building for joint EU grants for developing countries.

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## Higher Education

**09.15–Ongoing Master of Science in Solar Energy Engineering, Hogskolan Dalarna, Sweden**

**01.11–12.14 Bachelor of Science in Electrical and Electronic Engineering, AIUB, Bangladesh**

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## Skills

Language skills: Fluent in English; Beginner in Swedish

Computer skills: Mac and PC, Office, AutoCAD, PVSyst, Homer, RETScreen, Casanova, ArcGIS, COMSOL.

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## International Publications

1. SUSTAINABILITY ANALYSIS OF NET ZERO EMISSION SMART RENEWABLE HYBRID SYSTEM SOLUTION IN BANGLADESH RURAL CONTEXT. (SPRINGER Journal Link- [https://link.springer.com/chapter/10.1007/978-3-319-69844-1\\_33#citeas](https://link.springer.com/chapter/10.1007/978-3-319-69844-1_33#citeas) , Presented in-WORLD RENEWABLE ENERGY CONGRESS,2017 PERTH, AUSTRALIA.)
2. DESIGNING OF AN OPTIMIZED BUILDING INTEGRATED HYBRID ENERGY GENERATION SYSTEM. (INTERNATIONAL CONFERENCE OF RENEWABLE ENERGY TECHNOLOGY, ICRET-IEEE. IEEE XPLORE [link-](http://ieeexplore.ieee.org/document/7421498/) <http://ieeexplore.ieee.org/document/7421498/> ).
3. Rahman, M., Rahman, M., Saha, K., Paul, S., Khan, M. and Hazari, M. (2019). EXPERIMENTAL INVESTIGATIONS IN pH BEHAVIOR AND CELL POTENTIAL OF Bryophyllum pinnatum SOLUTION. [Online] [Jstage.jst.go.jp](http://www.jstage.jst.go.jp/article/gre/1/0/1_215/_article/-char/en). Available at: [https://www.jstage.jst.go.jp/article/gre/1/0/1\\_215/\\_article/-char/en](https://www.jstage.jst.go.jp/article/gre/1/0/1_215/_article/-char/en) [Accessed 5 Aug. 2019].

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## Industrial Training:

- Workshop on ‘Solar PV installation and system overview’ in IFE, Norway.
- Workshop on ‘High Voltage System Installation’, STRI/ABB, Ludvika, Sweden
- Workshop on ‘Electrical power system and PLC control’ in SUMMIT POWER, Bangladesh.
- Workshop on ‘Industrial Electronics and Natural Gas turbine’ in Ghorashal Power Plant, Bangladesh.
- Workshop on ‘Hydro Electric Turbine and Electricity Generation’ in Kaptai Hydro Electric Plant

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## References

1. Md. Mizanur Rahman  
B.Sc. Engg (EEE), FIEB  
Sr. Engineer & Team Leader  
PUL Group, Dhaka, Bangladesh  
Cell: +880-1711801687  
Email: [pul@pul-group.com](mailto:pul@pul-group.com), [pulmizan@gmail.com](mailto:pulmizan@gmail.com)
2. João Gomes  
Research Director, Solarus Sunpower AB  
Phone: 0046 705094735 / 00351 965657860  
Skype: [jslcgomes@gmail.com](mailto:jslcgomes@gmail.com)  
Email: [joao@solarus.com](mailto:joao@solarus.com)