



# MOHAMMAD HADI REZAIE

## Electrical Engineer

### PROFILE

Electrical Engineer familiar with all major engineering standards associated with electrical power system, power system operation and control, power electronics, power system protection, control system engineering and distribution systems.

Known as a person with enthusiasm to learn more, motivated characteristics, able to work under pressure and familiar with the international working environment, graduated from Maulana Azad National Institute of Technology Bhopal, one of the institutes of National importance of India.

### CONTACT

#### PHONE:

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(+93) 0786224799

#### ADD:

Dasht-e-barchi 13<sup>th</sup> district, Kabul  
Afghanistan

#### EMAIL:

mohammadhadirezaie@gmail.com

### LANGUAGES

1. Persian – Native
2. English --Excellent
3. Pashto –Very good
4. Hindi –Very Good

### EDUCATION

#### Bachelor's degree in

**Electrical Engineering** from

**Maulana Azad National Institute of Technology Bhopal (NIT-B)**, M.P India  
2016 - 2020

#### High School

**Pato high school**, Ghazni Afghanistan

2002 - 2014

Over all marks: 99 %

#### English Diploma

**Green Leaf Educational Society**, Kabul Afghanistan

2014 - 2015

### PROFESSIONAL EXPERIENCE (PROJECT AND RESEARCH)

**YES-II (Youth Entrepreneurship Support II)** program conducted by **GIZ**

**Six Months of Internship Program**

**Starting date: 14-Nov-2020 To Present**

#### DABS (Da Afghanistan Breshna Sherkat)

**Position: Intern**

**Starting date: 19-Jan 2021 to 19 March 2021**

- Reviewed the detailed design of Ghoor 5Mw solar power plant
- Reviewed the detailed design of Daikundi 5 Mw solar power plant

#### QRTDW (Qaderdan Rural Technology Development Workshop)

**Position: Intern**

**Starting date: 19-March-2021 to Present**

- Design and implementation of SPIS (solar powered irrigation system)
- Design and implementation of PV systems.
- Design of PV systems using PVsyst.
- Design and implementation of 45 KV grid connected solar system at PARSA organization Kabul Afghanistan.
- Design and implementation of 250 KV solar system at MOORA educational complex.

## REMARKABLE ACHIEVMENTS

- Scored 333 out 360 in Afghanistan's countrywide university entrance exam.
- Awarded scholarship by Indian council for cultural relationship (ICCR) to do bachelor of Electrical Engineering at MANIT Bhopal, Madhya Pradesh India.

## REFERENCES

1. **Fazlullah Fazli**  
Senior Renewable energy expert at DABS  
Phone no: (+93) 0744002818  
Email: [fazli28@gmail.com](mailto:fazli28@gmail.com)
2. **Abdul Hadi Amiri**  
Electrical engineer at ESRA (Energy Sector Regulation Authority)  
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3. **Mohammad Jalil Haidari**  
Software engineer at NSIA  
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## ELECTRICAL ENGINEERING KNOWLEDGE

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- Power system Operation and Control.
- Power electronics.
- Computers and Electronics.
- Power system Protection.
- Drafting and detaining of different drawing for projects and specific subjects.
- Power Quality analysis.
- Harmonics effects and techniques for mitigation.
- Control system Engineering and design of controller.
- Design of PV systems (standalone and Grid connected) & hybrid systems
- Application of equipment, devices and system.
- Design of solar powered irrigation systems.
- Analysis of electrical machines.
- Mathematics and Physics.
- Public safety and security.

## COMPUTER SKILLS

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- Microsoft office package
- Microsoft Windows
- C++ programming
- MATLAB Simulink
- AutoCAD
- AutoCAD Electrical
- Etap
- Power world
- Mathematica
- PVsyst
- PLS cad

## INTERPERSONAL SKILLS

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- Exceptional interpersonal communication, leadership relationship building and networking skills and strong analytical, logical and mathematical skills.
- Ability to communicate with person of various culture.
- Ability to work under pressure and respond to multiple tasks.
- Ability to allocate and review priorities and meet deadlines
- Ability to work in a team environment and experience in public speaking.
- Ability to give professional presentation and approach.
- Ability to analysis and identify the problem and problem solving.
- Excellent ability in management, reporting, strategic planning and execution.
- Well-disciplined knowledgeable, passionate, approachable, caring and hardworking.