

SAYED HUJJATULLAH SADAT

PERSONAL DETAILS

FIRST NAME:	Sayed Hujjatullah	SURNAME:	Sadat
DATE OF BIRTH:	23 October 1997	MARITAL STATUS:	Single
GENDER:	Male	ID NUMBER:	P03599445
NATIONALITY:	Afghan	CITIZENSHIP:	Afghanistan
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PERSONAL STATEMENT

I, Sayed Hujjatullah Sadat am a proud Afghan. Nationality is Afghan by decent and I am born and raised Afghanistan.

I have completed my primary and secondary education in Afghanistan. My primary education was in Naswan Primary School and then moved to Shahid Engineer Abdul Mateen High School for my secondary education. I received the highest percentage in secondary school, I had a strong passion and still have a strong passion for learning and gaining knowledge from anywhere I can.

As for my tertiary education, I pursued my higher education from India, in a city called Greater Noida from an international university called Sharda University. There, I followed my dreams and studied in the school of Technology. Graduating with a four (4) years Bachelor's Degree in Electrical and Electronics Engineering, (B.Tech EEE).

My goal in life is to become a very successful engineer and business man in my field of study. The first goal in my life that I wish to achieve which will set the pathway for my future goals is, to gain as much experience as I can working in the field gaining knowledge and contacts in order to set up my own company which will provide construction services such as, electrical work, HVAC, plumbing, solar system units, etc. All of the services provided would be made available upon request made by the client through the mobile application. This will enable the client complete control over which services they require and at their convenience. According to the request made, the company would then dispatch workers and equipment to complete the job.

With company I aim to improve the quality of life and increase the technological advancements within my province and ultimately to develop Afghanistan.

EDUCATIONAL QUALIFICATIONS

DIPLOMA IN COMPUTER TRAINING

31 May 2011 – 1 November 2011

Attended computer training course from Ministry of Communication and Information Technology in Afghanistan.

The course consisted of: Ms.Windows – Ms.Word – Ms.Excel – Ms.Power Point – Introduction to the Internet Programs.

Completed the course and achieving Grade A.

DIPLOMA IN ENGLISH LANGUAGE

1 October 2009 – 4 September 2012

Completed 3 Years in English Language course from the Roshan English Language Center, achieving the highest grade 98%.

DIPLOMA IN ADVANCE INTERNET

1 March 2012 – 30 May 2012

Received diploma for three months Advance Internet class from Lincoln Learning Center in Lashkargah.

SECONDARY EDUCATION

GRADE 10TH, 11TH, & 12TH 2011 – 22 June 2014

Completed Secondary education from Shahid Engineer Abdul Mateen School in the province of Helmand achieving the highest grade with the percentage of 90.89%.

B.TECH (EEE) BACHELOR OF TECHNOLOGY IN ELECTRICAL & ELECTRONICS ENGINEERING

2015 – 2019

Completed the four (4) year course in India. Graduating with First Division Pass in B.Tech (EEE) from Sharda University in India.

In partial fulfilment of the requirement for the award of my degree, I had to complete an 8 credit project report in my last semester.

The project report is entitled "Design and Construction of a Microcontroller Based Single-Phased Automatic Changeover". The application of this scope is unlimited in terms of its uses, whereby the reliability of electrical supply from the utilities is low and it is used in areas where continuity of power supply is required for switching to an alternative source from main supply and vice-versa. The project is about the design and construction of a successful automatic changeover switch that will change to an alternative power supply such as, generator or an inverter, as well as to change back to the main power supply once it is restored. In addition to the automatic changeover, another main purpose of the project is to maintain a constant supply of power to the main circuit that is being supplied by insuring that there is no drop in the power supply during the time lapse or delay that usually occurs when manually switching from one power source to another.

DIPLOMA IN PLC, SCADA AND SOLAR PV SYSTEM

6 June 2018 – 6 August 2018

Completed three (3) months course in India. Training in advanced PLC, SCADA System and Solar PV System. The course consisted of tasks, programming sessions as well as setting up a complete working system for buildings such as houses, malls and hospitals.

Installation of 5 kwatt solar panel system for a commercial building, calculating usage and output required to maintain and run the building, successfully carrying out tests to ensure that there is no overload on the system.

Working with a group of engineers for an industry manufacturing, filling and labelling of bottled drinks. With the use of PLC programming, programming the machines to automatically arrange and sort the bottles in sequence. Preparing them for cleaning, filling, closing of the lid and then finally adding the label onto the bottle and ready for the packaging process.

DIPLOMA IN MEP

20 March 2021 – 8 August 2021

Completed a five (5) months training course in MEP, in India.

According to international standards and the latest programming technologies, I have trained in the following; HVAC Systems Technical and Software, Revit MEP, Electrical System Design, Plumbing Designing, and Fire Fighting Design.

EXTRA CIRCULAR ACTIVITIES

1. Security Member at a University Annual Event:

As the university is a great university, the Chorus event is held annually for students and by the students. Therefore, we were in charge of organising the event as security member. I was part of the security team which includes ensuring the safety of the students from fights and keeping the event running smoothly.

2. Country Representative:

Cultural walk at the university's annual events Chorus.

This event is a great event which is held every year to celebrate the students and to provide a platform for the international students to showcase their country dress, food and dances to the world. As well as showcasing the Indian culture to the international students of the university and to bring unity among students. In this event I was showcasing the traditional clothes of Afghanistan, proudly and with joy.

3. International Youth Conference for Peace:

The conference was organised by the Afghanistan youth Parliament Member, Deputy Minister of Youth Affairs and Dunya University of Afghanistan

4. Projects and Conferences:

During my 4 year Bachelors degree in India, I have done many projects such as, SCADA. I have also attended and participated in conferences about "Advancements in Engineering Today" and "How to save the world with Engineering".

These projects and conferences gave me the opportunity learn and speak about new technologies which are available and very useful in our lives and for the future of Electrical and Electronics Engineering

JOB EXPERIENCE

- 1. Basit Pharmacy:** [2013 – 2015]
Pharmacy in Lashkargah, Helmand.
Acting as assistant manager and over-seeing the sales of medical supplies and merchandise for the pharmacy. Management of the company staff and sales representative for the pharmacy
- 2. Siemens Company:** [2 June 2019 – 25 September 2020]
Electrical Engineer in Gurgaon, India.
Working as an electrical engineer mainly of power unit modalities, programming and maintenance of the power units. Assisting other colleagues with programming and testing of machines and units. The main program we used in designing, maintaining, programming as well as troubleshooting for our projects is SCADA;
 - Supervised the maintenance of the supervisory control and data acquisition (SCADA) systems, the safety valves of the wells, and the fire detection and extinguish system in the facilities.
 - Worked with SCADA team lead on wind, battery, solar and PV + Storage power systems during the design, development, implementation, and commissioning phases of projects.
 - Designed and deployed wind energy, solar, and battery storage SCADA systems.
 - Worked with SCADA lead and clients to ensure requirements and expectations are clear.
 - Coordinated project site TELCO installation (if required), scheduling and manage schedules and owners expectation.
 - Deployed SCADA solutions according to timelines. Troubleshoot problems until site requirements are met.
 - Worked with Sr. SCADA engineer on programing substation RTAC units, and communication hardware using standard SCADA protocols.
- 3. Individual Contractor:** [2020 – 2021]
Construction in Lashkargah, Helmand.
Privately conducting small construction works for members in my community in Helmand, providing services such as; tiling, painting, plumbing and brick works.
- 4. Helmand Milli Hatchery:** [2020 – 2021]
Electrical Engineer in Lashkargah, Helmand.
Working as an electrical engineer for the hatchery machines. The job included installations, programming and maintenance
- 5. Techno Electric & Engineering Company Ltd:** [1 March 2021 – 12 August 2021]
Senior Engineer in New Delhi, India.
As the senior engineer, my job was to oversee all projects, managing and executing client project.
 - Developed applications using C, C++ and MATLAB.
 - Used Simulink to implement and verify designs.
 - Experienced with working on Machine control units and powertrain control units and transmission control units.
 - Implemented of CAN protocol in Adaptive Welding Units.
 - Monitored Data Transmission on various ECU units using CANalyzer.
 - Designed and developed and developed Embedded 'C' code for the HCS12 microcontroller. Initialized of parallel ports, A/D ports, Timers, Calling Real – Time Interrupt
- 6. Action Against Hunger (AAH):** [01 September 2021 – 16 February 2022]
Wash Project Engineer in Lashkargah, Helmand.
As the Wash Project Engineer, my job was to assess new projects as well as working on assigned projects and the following responsibilities:
 - Data collection and analysis assessments of all current and new projects.
 - Assisting team when required to meet our goals.
 - Supervise active construction sites on a regular basis.
 - Meeting with clients, locals to the city of Helmand and from other cities discussing their needs and what is the best course of action to address the issues and provide an engineering solution.Reference: mspm-hl@aq-actionagainsthunger.org

7. Organization for Research and Community Development (ORCD):

[01 November 2022 – Present]

Electrical Engineer & Trainer in Lashkargah, Helmand.

Installing Solar power systems and water pump systems (building) as well as solar water pump systems.

The company is located in Lashkargah, however, the projects were out station, in other districts and villages, providing to the local people of the locations accessibility to electricity and water.

Training company personnel assistants, designing a training and teaching program for Solar water pumping systems. Teaching and hands on training on the knowledge of solar pumping systems as well as the mechanism, use and basic diagnostics tools.

SKILLS

PROFESSIONAL

- Engineering
- Planning & Organization
- Marketing & Sales
- Electrical
- Microsoft Office
- Solar Panel
- Auto CAD
- PLC
- SCADA
- HVAC
- Fire Fighting
- Revit

PERSONAL

- Perfectionist
- Attention to Details
- Persuasive
- Factual
- Quick Thinker

INTERESTS

- Reading Books
- Drawing
- Fitness
- Playing Chess
- Helping My Community
- Being able to give positive advice and help others in any way possible
- To be able to provide the youth and people of my community, knowledge from what I have learned and experienced throughout my education, career and life.

LANGUAGE

<i>LANGUAGES</i>	Language	Reading	Writing	Speaking	Understanding
	Dari	Excellent	Excellent	Native	Native
	Pashto	Excellent	Excellent	Native	Native
	English	Excellent	Excellent	Fluent	Fluent
	Hindi	N/A	N/A	Fluent	Fluent

REFERENCES

REFERENCES Will share as per request