

## HASAN ALI KHAN

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Peshawar

### PROFESSIONAL SUMMARY

I hold a bachelor's degree in electrical and computer engineering and a master's degree in computer system engineering as well. My skill set includes along with the proficiency in , data analytics, and machine learning, my final year project focused on the industrial engineering design and implementation of Pneumatic cutting machines.

### WORK HISTORY

**Cluster owner** | Mobiserve (Telenor) - Peshawar, Khyber Pakhtunkhwa, Pakistan *04/2025 - Current*

- Managed telecom operations and maintenance for a cluster of mobile network sites
- Supervised field teams to ensure optimal uptime, KPI performance, and SLA compliance
- Handled preventive/corrective maintenance of BTS, transmission, and power systems
- Coordinated with clients and vendors to resolve escalations and maintain service quality
- Oversaw site audits, documentation, and network performance reporting
- Implemented energy optimization measures, including solar-hybrid solutions

**Solar system design** | Self - Peshawar, Khyber Pakhtunkhwa

*01/2021 - 11/2021*

- Solar PV system design for residential and industrial areas

**Associate IT Engineer** | Simplex med - Abbottabad, Pakistan

*01/2017 - 01/2019*

- Trouble shooting hardware's
- Analyzing and forecasting
- System deployment

### SKILLS

- Matlab & Simulink
- Python
- Linux systems
- Cisco Packet tracers
- Power BI
- Microsoft word and office

## EDUCATION

University of Engineering and Technology - Peshawar, Pakistan

05/2022 - 12/2024

**Masters of Science:** Computer System Engineering

Comsats University of Science and Information Technology - Abbottabad, Pakistan

3/2013 – 2/2018

**Bachelors of Science:** Electrical and computer engineering

Board of Intermediate and Secondary Education - Abbottabad, Pakistan

02/2011 - 08/2012

**Intermediate:** Pre Engineering

Board of Intermediate and Secondary Education - Abbottabad, Pakistan

02/2009 - 08/2010

**Middle school**

## CERTIFICATIONS

- Google cloud platform for AWS professionals
- Industrial IOTs on Google platform
- Graphic designing
- Freelancing
- Search engine optimization
- Data analytics and Business Intelligence
- Getting started with AWS Machine learning
- Mobile event app management
- Data science math skills

## LANGUAGES

### English

Intermediate

### Urdu

Upper intermediate

### Pashto

Advanced

## FINAL YEAR BACHELORS PROJECT

Normally the sheet metal cutting machine is manually hand operated one for medium and small-scale industries ..... This sheet metal cutting machine works with the help of pneumatic double acting cylinder. The piston is connected to the moving cutting tool. It is used to cut the small size of sheet metal.

### TOOLS

1. Programmable logical controller (PLC)
2. AC and DC servo motors
3. Double and single acting cylinders
4. Conveyors
5. Proximity sensors
6. Logical switch boards

## **Awards**

Awarded a laptop under the Prime Minister's Laptop Scheme for outstanding academic performance during Master's studies

## **MASTER'S RESEARCH TOPICS**

- Smart Grid Protection: Addressing Class Imbalance in Electricity Theft Detection with AI