



# HAFIZ UMAR YASIN

Electrical Engineer



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## SOCIAL

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in Umar Yasin

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## PERSONAL

Father Name: Ghulam Yasin

Date of Birth: 1st April 1992

CNIC #: 32203-9953553-5

PEC Reg #: ELECT/47308

Nationality: Pakistan

## CORE COMPETENCIES

- Electrical Engineering
- Strategic Planning & Analysis
- Continues Process Improvement
- Commissioning
- Construction Operations
- Operation & Maintenance
- Documentation
- Troubleshooting
- Problem Solving
- Communication Skills
- Time Management

## PROFILE

Dedicated, professional, and experienced electrical engineer. Proficient in a wide range of computer hardware and software, including Simulink/MATLAB and Microsoft products. Expansive knowledge of engineering technology, computers, design techniques, and physical principles of engineering. Excellent complex problem-solving skills for using logic and reasoning to identify problems, strengths, and weaknesses in electrical engineering projects and using them to create and implement plans for a better project. Organized and detail-oriented to ensure excellent time management and a clean and safe work environment.

## EDUCATION



### MS ELECTRICAL ENGINEERING

NUCES Islamabad (FAST)

CGPA 3.29/4

Subjects Studied:

- Power System Modelling & Analysis
- Smart Grid
- Power Electronics and Applications
- Advance Topics in Elec/Telecom Engg

MS Thesis title: *Modelling & Simulation of generation of Synthetic Inertia with Power Electronics Converters*



### B.E ELECTRICAL ENGINEERING

BUET Khuzdar

Percentage: 75.3

Subjects Studied:

- Power System Analysis
- Power Transmission
- Power Distribution & Utilization
- AC Machines & Drives
- Electrical Engineering Materials
- Electronics Devices & Circuits
- Instruments and Measurements
- Power Electronics
- Power System Protection
- Control System
- Energy Conversions
- DC Machines & Drives
- Basic Electrical Engineering



### HSSC PRE ENGINEERING

B.I.S.E DG KHAN

Percentage: 82.9



### SSC SCIENCE

B.I.S.E DG KHAN

Percentage: 84.1

## CERTIFICATION

### PLC HMI & SCADA

Burraq Engineering Solutions

Lahore, Pakistan

3 Weeks

## SAFETY TRAININGS

- Health Safety Environment
- Hydrogen Sulfide Gas Awareness & Escape
- Basic Knowledge of HSE, PPE's to special protective equipment, preventive measures to avoid accidents and incidents. Area hazards and job / equipment relevant hazards, Confined Space Entry rules, Height Work, Fire Prevention and Fire Fighting.

## SOFTWARE

### Simulink/MATLAB

### Microsoft Excel

### Microsoft Word

### Microsoft Power Point

### MS Outlook

## LANGUAGE

### English

### Urdu

## WORK EXPERIENCE



### ELECTRICAL OPERATOR

Doosan Heavy Industries  
Muscat, Oman

Site Location: Al Ansab Haya Water Muscat, Oman  
(Sewage Water treatment Plant Project)

Exercise hands-on approach to perform commissioning of various units of waste water treatment plant. Render keen insight to manage pre-aeration, drum screening, grit and grease removal chamber, bio tanks / MBR and blowers. Conduct tests including hydro test, loop tests, function tests, interlock tests and performance testing. Steer efforts towards sampling, monitoring and testing required to maintain the waste water treatment process. Schedule chemical process to maintain PH, ORP and other parameters, generated log sheets, other supporting documents and share reports with management.

#### Key Accomplishments:

- Played a stellar role in maintenance, operations of sludge dewatering system, Odour control unit and pressure sand filter.
- Controlled work performance, monitored work quality, and took action to resolve problem rapidly. Liable for the plant maintenance facility like cleaning and ground maintenance as required in plant.
- Functioned in close coordination with SCADA/DCS/ HMI control room to operate, monitor process of various units of STP plant and participated in trouble shooting, I & C activities and operations from LCPs.
- Built collaborative report to coordinate with construction, maintenance, laboratory, client, and variety of vendor.
- Produced professional drawings and provided beneficial technical support and expertise to clients.



### VISITING TEACHER

Govt College of Technology  
Multan, Pakistan



### INTERNSHIP

Fatima Sugar Mills  
Kot Addu, Pakistan

Effectively examined status of the equipment's installation, designed specifications, and technical drawings, and estimating costs and timescales. Actively liaised with the construction, installation, maintenance, support, documentation, and testing activities to assure compliance with specifications.

#### Key Accomplishments:

- Steered meetings on site and prepared product documentation, writing reports and offer presentations to management
- Delivered excellent first-rate support to the management to evaluate electrical system, components, and applications.
- Assisted in the development of new electrical systems and conducted regular safety tests and inspections.
- Supervising electrical technicians.