

# Ibrahim Asiri

## Electrical Engineer

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Saudi Arabia

### SUMMARY

Recent graduate Electrical Engineer with a strong interest in power systems, electric machines, and protection. Seeking to build a career in the power field and apply engineering knowledge in real work environments. Known for quick learning, flexibility with different tasks, and strong attention to detail to complete work accurately and on time. Familiar with engineering-related tools and concepts, with strong motivation for continuous learning and development.

### EDUCATION

#### King Khalid University | Abha, Saudi Arabia

Bachelor's Degree in Electrical Engineering | GPA: 4.22 / 5 | January 2025

- Power Systems: Generation, transmission, and distribution.
- Power Systems Analysis: Analyze networks under normal and fault conditions.
- Electromechanical Energy Conversion: Motors, generators, and their operating principles.
- Power Electronics: Conversion between AC and DC power.

### TRAINING EXPERIENCE

#### Saudi Electricity Company | Abha, Saudi Arabia

Trainee | June 2024 – August 2024

- Electrical distribution network and related equipment.
- Service connection and disconnection requests.
- Coordinating between the company and contractors on-site.
- Smart electricity meters.

### PROJECTS

#### Smart Liquid Mixing Apparatus

Senior Project | December 2024

- Designed an automated liquid mixing system using valves and a stepper motor.
- Programmed Arduino to control the motor and valves.
- Developed a user interface to control the system.

### SKILLS

#### Technical Skills:

- Power System Analysis and Protection
- Simulation Software: NI Multisim and LTspice
- Programming: MATLAB, Python, and C++
- Design Software: AutoCAD
- Microsoft Office: Word, Excel, and PowerPoint

#### Soft Skills:

- Communication
- Self-Learning
- Teamwork
- Time Management
- Flexibility
- Problem Solving

### CERTIFICATES

#### Certificate Professional Accreditation

Saudi Council of Engineers | Membership No.: 1113275 | January 2025 – Present

### LANGUAGES

- Arabic
- English