

# MUHAMMAD AAMIR SHAHZAD

## Electrical Engineer

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### Personal Profile

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- Aspiring Electrical Engineer with a strong foundation in electrical system, project management.
- Passionate about innovation, I have worked on several projects, I'm always eager to learn, adapt, and apply my skills in new environments.
- Additionally, traits: Positive mindset, polite behaves, helpful, and honest.

### Education

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#### Bachelor in Electrical Engineering

GC University Faisalabad

Faisalabad, Pakistan

Sep2020-Oct 2024

- Relevant Coursework: Internationally Accredited under Washington Accord OBE Level-II.
- CGPA :3.14/4.0

### Skills

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**Technical Skills:** Multisim, and Microsoft Office.

**Communication Skills, Leadership Skills, Problem-Solving Skills, Adaptability and Management skills.**

### Experience

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#### Internship / Trainee Engineer

Faisalabad Electric Supply Company (FESCO)

Faisalabad, Pakistan

Aug-Sept 2023

- Learned electricity distribution system.
- Understand the control, monitoring, and operating of the electric grid system.
- Learn about the safety protocols.

### Projects

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#### Final Year Project

*Development of Power Monitoring and Control System for Smart Grid.*

- Monitor, analyze, and improve power quality parameters of an electrical grid, addressing issues like voltage, power factor, harmonics, and fluctuations to enhance reliability and efficiency.
- **Traffic Lights Control Signal Project.**
- **Design a Water Level Indicator project.**
- **Home Automation Project (Embedded System).**

### Achievements & Awards

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#### Award a Final Year Design Project Funding from Pakistan Engineering Council

- Ranked in the top 200 out of 2500 projects from 115 universities across Pakistan.
- “Development of Power Monitoring and Control System for Smart Grid”.
- Presented a project in the 5th Engineering Capstone Expo 2024 and received the Engineer title as an appreciation from PEC.

### Reference

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available upon request.