

ABDULLAH AL SHADI

Electrical Engineer

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CAREER OBJECTIVE

Motivated and detail-oriented Electrical and Electronic Engineering graduate with a strong foundation in circuit design, signal processing, and embedded systems. Eager to continuously learn and expand expertise in emerging technologies. A strong team player with effective management skills, dedicated to delivering innovative and high-quality solutions in collaborative environments.

PROFILE SUMMARY

- Sound knowledge of Electrical Engineering concepts, equipment & tools
- Skilled in Circuit designing, PCB designing, PLC & Programming
- Sound knowledge of AutoCAD
- Proficient knowledge of transmission, broadcasting & switching
- Strong analytical & problems solving skills
- Excellent communication & interpersonal skills
- Knowledge of quality control & design techniques
- A Team player with ability to adapt to difficult situations

EDUCATION

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| Jan. 2019 – Mar. 2024 | Bachelor of Electrical and Electronic Engineering
Department of Electrical and Electronic Engineering
Khulna University of Engineering & Technology,
Khulna-9203, Bangladesh
CGPA: 3.21 (out of 4.00) |
| June 2016 – Apr. 2018 | Higher Secondary Certificate (HSC)
Govt. M.M. City College, Khulna, Bangladesh
GPA: 5.00 (out of 5.00) |
| Jan. 2008 – Feb. 2016 | Secondary School Certificate (SSC)
Bagerhat Govt. Secondary School, Bagerhat, Bangladesh
GPA: 5.00 (out of 5.00) |

SOFTWARE SKILLS

- **Programming Language:** C, C++, Python, MATLAB
- **Software and Tools:** AutoCAD, Simulink, Proteus, TCAD, Code Blocks, PyCharm, PSpice, KiCad
- **Hardware:** PLC, Arduino, Raspberry Pi
- **Web Technologies:** HTML
- **Office Tools:** Word, Excel, PowerPoint
- **Other Skills:** Circuit Design, PCB Layout, Signal Processing, Embedded Systems
- **Designing Tools:** Adobe Illustrator

PROJECTS

- IOT based voice controlled smart home automation
 - The main aim of this project was to control different home appliances by using voice commands via voice assistant.
 - By allowing users to control their homes with simple voice commands, voice-controlled home automation systems eliminate the need for users to physically interact with the equipment they use to control the environment.
- Autonomous Line Follower Robot
 - The robot can follow a given path by avoiding all the barriers and reaching the final destination.
 - It is mainly a competition-based project to reach the final destination as soon as possible
- Direction & Speed Control of DC Motor Driving Vehicle
 - The aim of this project was to implement a dc motor driven vehicle system utilizing power electronics-based H-bridge converter which plays a crucial role in the motor control system of the vehicle, enabling precise and efficient control over the motor's speed and direction.
 - This project reveals the integration of power electronics and microcontroller-based control systems in a practical application, underscoring the advancement of vehicle technology.

CERTIFICATIONS

- MATLAB Programming for Engineers and Scientists
- Mastering Programming with MATLAB
- Introduction to Programming with MATLAB
- Python For Beginners Course In-Depth

PROFESSIONAL ASSOCIATIONS

- **Organizing Secretary**, EEE makers Hub (Mar. 2023-Mar.2024)
 - Organized technical events, workshops, and seminars to promote skill development.
 - Led technical initiatives, demonstrating strong organizational and leadership skills.
 - Established connections with industry professionals for potential collaborations and opportunities.

EXTRACURRICULAR ACTIVITIES

- **Creative Writer**, KUET Sahitto Porishod (Mar. 2019-Mar.2024)
- **Sketch Artist**, KUET Artist Society-Kolpopot (Mar. 2019-Mar.2024)
- **Member**, Organizations of KUET Sports (Jan. 2022-Jan.2023)

REFERENCES

Dr. Md. Nur Kutubul Alam Associate Professor Dept. of Electrical and Electronic Engineering Khulna University of Engineering & Technology (KUET) Khulna -9203, Bangladesh. Mail: nur.kutubul.alam@eee.kuet.ac.bd Website: www.kuet.ac.bd/eee/alamjhilam	Dr. Kalyan Kumar Halder Professor Dept. of Electrical and Electronic Engineering Khulna University of Engineering & Technology (KUET) Khulna -9203, Bangladesh. Mail: kalyan@eee.kuet.ac.bd Website: www.kuet.ac.bd/eee/kalyan_kuet
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