

MOHAMMED ASHFAQ ALAVEE

Phone: +8801776-761775

E-mail: alavee526@gmail.com

Present Address: Mogbazar, Dhaka, Bangladesh

Permanent Address: Block-B, Halishahar H/E, Chattogram, Bangladesh

LinkedIn: <https://www.linkedin.com/in/mohammed-ashfaq-alavee-51288b230>

CAREER OBJECTIVE

Recent Electrical and Electronic Engineering graduate with a major in Electronics and strong knowledge of Power Systems and Communication Systems. Passionate about applying technical expertise and problem-solving skills to deliver effective engineering solutions. Motivated to grow professionally and contribute to organizational success through dedication and continuous learning.

EDUCATION

- **Ahsanullah University of Science and Technology** **2021-2025**
B.Sc. in Electrical and Electronic Engineering
CGPA: 3.505 out of 4.00
- **Government City College, Chattogram** **2018-2020**
Group: Science (HSC)
GPA: 5.00 out of 5.00
- **Govt. Muslim High School, Chattogram** **2016-2018**
Group: Science (SSC)
GPA: 5.00 out of 5.00

CORE SKILLS

- VLSI Tools: Quartus Prime, Modelsim Altera, Cadence Virtuoso, Cadence Genus, Innovus
- Electrical Circuit Design Software: Orcad Pspice, Proteus
- Programming language : C++, Matlab, Verilog, TCL, Bash Scripting, Unix
- Computer Aided Design Software: AutoCad
- Documentation Software: Microsoft Office Tools (Word, Excel, Powerpoint)
- Graphics Design Software: Canva, Adobe Light-room and Adobe Illustrator

PROJECTS

- Efficient data packet managing network router chip
- Design of a Voltage Controlled Oscillator using 45 nm CMOS technology
- Tunable lead compensator system using operational amplifiers
- Voice controlled car with air quality monitoring system
- DSB-TC amplitude modulation audio analyzing app

THESIS

- Design of a SPR Biosensor with Enhanced Sensitivity for Detecting Pollutants in Water

LANGUAGES

- Bengali
- English

CERTIFICATIONS

- Research Article Writing Competition on Nano-satellite Technology
- Completion of The Fundamentals of Digital Marketing from Google Digital Garage

ACTIVITIES

- General Secretary of NOOR FOUNDATION (a donating organization)
- One-on-one and group tutoring to students of various school levels

REFERENCES

- Dr. Dewan Monzurul Islam
Assistant Professor (Dept. of EEE)
E-mail: monzur.dewan@gmail.com
- Mr. Khandakar Md. Ishtiak
Assistant Professor (Dept. of EEE)
E-mail: ishtiak.eee@aust.edu
- Mr. Muhammad Jakaria Rahimi
Associate Professor (Dept. of EEE)
E-mail: mjrahimi.eee@aust.edu