



# Jamil Hasan

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## Profile & Objectives

I am Jamil Hasan, 25 years old, currently pursuing an undergraduate degree in Computer Science. I love solving everyday problems related to technology. Assisting my friends, family, and academic institution with tech solutions is something I truly enjoy. I strive to communicate without technical jargon, ensuring my audience clearly understands what they need to do. My goal is to make technology and communication simpler and more accessible.

## Education

- Ongoing **B.Sc. in Computer Science and Engineering**, *Green University of Bangladesh*  
Currently studying Computer Science as an undergraduate student With **CGPA of 3.88**.
- Session 2018-19 **Higher Secondary Certificate (HSC)**, *Govt. Science College, Dhaka*  
Completed HSC with a science background with **GPA of 5.00**.
- Session 2016-17 **Secondary School Certificate (SSC)**, *Ma Memorial Model Academy*  
Completed SSC with **GPA of 5.00**.

## Experience

- [Feb, 2022 - July, 2022] **Customer Service Agent**, *TechnoFAQ*  
Provided customer support via chat and phone, resolved technical queries, and assisted in product navigation and troubleshooting.
- Since 2022 **Staff Writer & Web Developer**, *TechnoFAQ*  
Working as an SEO optimized technical article writer and front end developer.

## Skills

- OS Windows, Linux, macOS.
- Specialties Custom ROMs (AOSP, LineageOS), deGoogling, troubleshooting, technical support.
- Documentation Experienced in writing clear, concise user and technical documentations.
- Programing Language C, Python, Java, HTML , CSS, JS.
- Machine Learning. Supervised & Unsupervised Learning, Reinforcement Learning, Deep Learning, Model Evaluation; Libraries: Scikit-learn, Pandas, NumPy, Matplotlib, TensorFlow, Keras.
- Tools & Platforms Git, VS Code, Jupyter, Google Colab, Docker.
- Soft Skills Team Leadership, Technical Presentation, Research Writing, Collaboration, Fast learner, adaptable to new environments.

## Major Projects

- BDMS A system to manage blood donation system with various modern technological integration. It is developed in HTML, CSS, JS in frontend and MySQL in backend. Users can find donor or donate to persons easily by communicating with other peoples or Blood Clubs, or Hospitals.

BrlBuddy	A Python-based keyboard tool designed for the visually impaired. It can also be used as encoded message sender and receiver.
Resumate	A python-based resume filtering application using keyword matching. It has a limited selected key that scans the CV to categorise them and also filter them according to needs.
Portfolio	An interactive web page about my portfolio made using only HTML, CSS and JS.
EU Converter	An Electricity Unit converter made in C-programming language by the amount of bill of a month.

## Researches

AI in Healthcare IoT	Leading research on a priority-aware resource allocation system for IoMT networks, integrating device-to-device offloading and MEC architecture with latency and energy optimization. Proposed an MILP optimization framework.
Mental Health Monitoring	Exploring machine learning approaches (Random Forest, LLM, GTrXL) on sensor data for student mental health and stress detection. [In Progress]
AQI Forecasting System	Building an Ensemble Learning-based predictive model for forecasting air quality in major divisions of Bangladesh. [In Progress]

## Languages

Bengali	Native (BN-BD)
English	Fluent reading and writing; proficient speaking (EN-US)

## Extracurricular Activities

Music	Participated in university cultural events as a guitarist and music performer.
Volunteering	Volunteered in community welfare programs and blood donation camps.
Communication	Presented multiple academic and extracurricular projects, effectively communicating technical concepts to both technical and non-technical audiences
Leadership	Led a team project on AI-based Healthcare IoT system in final year
Photography	Secured 2nd position in a photography competition on "World Environment Day" organized by ActionAid Activista and Global Platform, Bangladesh.

## Reference

### Prof. Dr. Md. Abdur Razzaque

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### Palash Roy

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