

Curriculum Vitae

ABDULLAH AL RAFEE

Dhaka, Bangladesh | rafee.abdullah1@gmail.com | LinkedIn: [abdullahalrafee](#)

Academic Credentials

Master of Science in Computer Science

Jahangirnagar University

August 2025 — Continue (1 year duration)

Research Focus: Human Computer Interaction

Bachelor of Science in Electronics and Communication Engineering

CGPA: 3.19/4.00

Khulna University of Engineering and Technology (KUET)

November 2018 — March 2024

Higher Secondary School Certificate (HSC)

GPA: 5.00/5.00

Notre Dame College (NDC), Dhaka.

June 2016 — June 2018

Secondary School Certificate (SSC)

GPA: 5.00/5.00

Chakaria Grammar School

April 2016

Work Experience

Software Engineer II (Remote) – Ujet.cx (California)

[Jun 2024 – Present]

- Developing customer engagement platforms with high reliability and scalability.
- Contributed to systems with low-level programming components and AI-driven solutions.
- Ensured proper security is there is customer support software with data protection.

Assistant Head of Development – iMS Systems

[Jun 2023 – May 2024]

Frontend Developer – iMS Systems

[Jun 2021 – Jun 2023]

- Built SaaS platforms integrating compliance management, audits, and risk mitigation.
- Designed and deployed real-time survey systems (GN Surveys) enabling 2D/3D visualization and efficient data management.
- Led end-to-end development from prototype to production for enterprise clients.

Professional Projects

iMS Systems

[Javascript, MongoDB, Redis, Docker]

Description: iMS Systems is a SaaS Product that integrates business operations with ISO compliance, simplifying audits, enhancing visibility, and mitigating risks for better decision-making.

GN Surveys

[Typescript, Expressjs, MongoDB, node mailer]

Description: A SaaS solution for remote surveying with 2D/3D views, enabling document, location, and user management for efficient survey execution.

Alice AI

[OpenAI, Reactjs, Expressjs]

Description: Alice is an AI-powered Microsoft Word Add-in integrated with OpenAI API for AI-assisted editing. It helps users document compliance, identify risks, and suggest mitigation strategies.

Undergrad Thesis and Projects

Thesis

An Approach for Strengthening Smart Contract Security Through CEI, Re-entrancy Guard and Ethereum Virtual Machine Shield.

Supervisor: Dr. Sk. Shariful Alam, Professor, Dept. of ECE, KUET, Khulna, Bangladesh.

Projects

Water spraying Quadcopter

[Arduino, Python, Controller]

Description: This quadcopter was designed and programmed in a way where it could fly up to 500m in the range of 1Km and spray water automatically. It saves itself from objects by detection and changes the direction of fly.

Brain Cancer detection using CNN

[Python, CNN, Tensorflow]

Description: A prediction model built with Convolutional Neural Network (CNN) which can detect brain tumor for MRI images up to 95% accuracy.

School Management web app

[Javascript, React, PHP, JWT]

Description: A student teacher management portal for course registration, course management, teacher and student management.

Line Follower Robot

[Arduino, IR sensor, DC supply]

Description: Real time path detection and navigation bot that follows a line with optimization and accuracy.

Technical Skills

Programming Languages	Javascript, Python, C, C++, Typescript, MongoDB, MySQL
Frameworks	React, Angular, AngularJs, Nodejs, ExpressJs, Django, NestJs
Machine Learning (ML)	TensorFlow, Keras, CNN,
Design and Simulation	PCB Design, MATLAB, Proteus
Version Control	Git, GitHub
Hands-On	Cisco Packet Tracer
Graphics & Editing Software	Photoshop, Illustrator, Premier Pro, Final Cut Pro
Other	Problem Solving, Leadership & Project Management, Advanced Excel

Awards and Scholarships

Google Codejam (Round 1) Organized by Google	[2020]
Hult Prize (2nd Runner Up) Khulna University of Engineering and Technology (KUET)	[2021]
Math Olympiad (1st Runner Up) Junior Category	[2013]
HSC board scholarship Dhaka Education Board	[2018]
SSC board scholarship Chittagong Education Board	[2016]

Achievements

- Led the software project from scratch to production ready and had customers using it for **remote surveying**.
- Developed chat application with **virtual and AI agent** that changed customer experience.
- Led and organized club programs in KUET as a vice president of KUET Radio.

References

Dr. Sk. Shariful Alam
Professor,
Department of Electronics and Communication
Engineering, KUET
E-mail: ssalam@ece.kuet.ac.bd

Dr. Md. Mostafizur Rahman
Professor (On Leave),
Department of Electronics and Communication
Engineering, KUET
E-mail ID: mostafiz963@ece.kuet.ac.bd