



Md Rajib Hasan

Passport: A00755421 | **Date of birth:** 12/01/1996 | **Place of birth:** Madaripur, Bangladesh |

Nationality: Bangladeshi | **Gender:** Male | **Phone number:** (+880) 1618306111 (Mobile) |

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ABOUT ME

Software Engineer specializing in Backend Architecture and Network Infrastructure, with a strong academic background in Computer Science (CGPA 3.89/4.00) and practical experience in backend API development, AI deployment, and network security. Core hands-on experience includes configuring Linux network architectures, VPN tunneling protocols (WireGuard, IPsec, OpenVPN), firewall policies, and automated cloud infrastructure. Aiming to pursue graduate studies in Information and Communication Engineering to focus on next-generation networking algorithms and secure cloud/IoT infrastructure.

WORK EXPERIENCE

BRAIN CRAFT LTD – DHAKA, BANGLADESH

Business or Sector: Information and communication | **Website:** <https://braincraftapps.com/>

SOFTWARE ENGINEER - LEVEL 3 – 08/2025 – Current

- Architected the core web backend for the 'VPN for iPhone' app to handle client authentication and server orchestration.
- Configured Linux network infrastructure across global nodes, deploying WireGuard, IKEv2/IPsec, OpenVPN, and multi-hop routing setups.
- Built microservices with Redis caching to process real-time multimedia traffic at low latency.
- Mentored junior backend engineers, conducting code reviews.
- **Key Projects:** VPN for iPhone (Network Architecture & Protocols), Cartoon.Ai, Sticker Maker, GIF Maker

SOFTWARE ENGINEER - LEVEL 2 – 09/2023 – 08/2025

- Containerized and deployed AI/ML pipelines across multi-cloud GPUs (AWS, GCP, RunPod, Vast.ai).
- Hosted open-source generative AI models for image stylized cartoonification and video generation.
- Optimized GPU/CPU memory usage and inference workloads, lowering cloud server costs.
- **Key Projects:** Cartoon.Ai, Sticker Maker, GIF Maker (AI Model Hosting & Image Processing Pipelines).

SOFTWARE ENGINEER - LEVEL 1 – 12/2021 – 09/2023

- Engineered and maintained scalable RESTful APIs integrating backend services with client applications.
- Optimized queries, schemas, and indexing to lower API latency and boost overall system performance.
- Implemented JWT/OAuth authentication, role-based access control, and basic data encryption protocols.
- Refactored legacy codebases to reduce complexity, enhancing maintainability and scalability.
- **Key Projects:** GIFBuz (gifbuz.com), HR Management System (hr.braincraftapps.com).

ANALYST – QUANTANITE BANGLADESH LTD. – 07/2019 – 09/2020 – DHAKA, BANGLADESH

Business or Sector: Information and communication | **Website:** <https://www.quantanite.com/>

- Executed data processing, content moderation, and structured data entry in the Data Processing department.
- Maintained regular project reporting directly to supervisors and management.

EDUCATION AND TRAINING

2015 – 2019 Dhaka, Bangladesh

BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND ENGINEERING Daffodil International University

Medium of Instruction: English

- **Key Coursework:** Data Communication, Computer Networks, Wireless Programming, Digital Electronics, Electrical Circuits, Electronic Devices and Circuits, Microprocessor and Assembly Language, Computer Architecture, Embedded Systems, Artificial Intelligence.

IoT / Embedded Systems Project: Arduino-based Autonomous & Bluetooth Remote-Controlled Robotic Car.
Demo Video Link - <https://www.youtube.com/watch?v=TMBA8HD4NrI>

Final grade CGPA: 3.89 / 4.00 (German Grade VPD: 1.1) |

Thesis Bangla Handwritten Character Recognition Using Convolutional Neural Network — CNN-based image recognition with image processing and feature extraction.

2012 – 2014 Madaripur, Bangladesh
HIGHER SECONDARY SCHOOL CERTIFICATE Govt. Barhamganj College

Academic Group: Science

Final grade GPA 4.70 out of 5.00

2010 – 2012 Dhaka, Bangladesh
SECONDARY SCHOOL CERTIFICATE Dhaka Collegiate School

Academic Group: Science

Final grade GPA 5.00 out of 5.00

07/2021 – 12/2021 Dhaka, Bangladesh
COMPLETE WEB DEVELOPMENT COURSE Programming Hero

- Built full-stack, cloud-based web applications using MongoDB, Express, React, and Node.js (MERN stack), including client-server communication over RESTful APIs.

● **SKILLS**

Core Technical Skills

Python & Node.js | PyTorch, OpenCV, Numpy & CNNs | WireGuard, IKEv2, & OpenVPN | Docker, AWS, GCP & Cloud GPUs (RunPod, vastAi) | Redis, PostgreSQL & MySQL

● **LANGUAGE SKILLS**

Mother tongue(s): **BENGALI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	C1	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **RECOMMENDATIONS**

Md. Sazzadur Ahamed Assistant Professor | Department of CSE, Daffodil International University

Rajib excelled in my 'Microprocessor and Assembly Language' course and lab, earning a perfect 4.00/4.00 in both. Throughout the semester, he proactively discussed challenges and consistently demonstrated outstanding dedication and analytical skill. I highly recommend him.

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Abu Haider Siddiq Solution Architect and Team Lead | Braincraft Ltd

Rajib has been on my team for five years and has grown into a great Level 3 Software Engineer with strong backend skills. He's a smart, reliable problem solver, and I highly recommend him.

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