

Md. Fazlah Karim Alvee

[LinkedIn](#) | [+880 1642874989](tel:+8801642874989) | fazlahkarim2002@gmail.com | [GitHub](#) | [Netlify](#)
| [Portfolio](#)

EDUCATION

International University of Business Agriculture and Technology (IUBAT) Bachelor of Science in Computer Science and Engineering <i>January 2022 – January 2026</i>	Dhaka, Bangladesh CGPA: 3.86
Noakhali Government College Higher Secondary Certificate <i>Passing Year: 2020</i>	Noakhali, Bangladesh GPA: 5.00

SKILLS

- **Programming Language:** Python, C, C++, JavaScript
- **Database Management:** MySQL
- **Technology & Framework:** HTML, CSS, Django, React, WordPress, Git, GitHub
- **Tools:** VS Code, Code::Blocks, Cisco Packet Tracer
- **Design & Prototyping:** Figma, Adobe XD, Balsamiq

WORKING EXPERIENCE

Simec System Limited [Internship]	<i>Intern Oct 2025 – Present</i>
• Assisting in the development and maintenance of internal web applications. • Supporting backend and frontend tasks to improve system functionality. • Collaborating with the team to test, debug, and deploy new features efficiently.	
Tech4Realty [Junior Web Designer]	<i>Part Time – Remote Jan 2023 – May 2025</i>
• Designed and maintained WordPress websites with responsive layouts. • Customized themes and plugins to improve UI/UX. • Collaborated with the development team to ensure client requirements were met.	

PROJECTS

E-Book Store Platform [Django, React, PostgreSQL] Built a full-stack e-book platform with JWT authentication, REST API backend, and a dynamic React UI powered by PostgreSQL.	Source Code Live Demo
React Router Practice Project [React, Tailwind, React Router] Implemented multi-page navigation using React Router for a seamless SPA experience.	Source Code Live Demo
Context API with Local Storage [React, Context API, Local Storage] Built a project demonstrating state management with Context API and data persistence using local storage.	Source Code Live Demo

Currency Converter App [React, API Integration, Tailwind]

[Source Code](#) | [Live Demo](#)

Developed a real-time currency converter by fetching live exchange rates through APIs.

Weather App [React, API Integration, Tailwind]

[Source Code](#) | [Live Demo](#)

Fetches live weather data using APIs and displays dynamic forecasts with a clean UI.

Precon RealEstate [WordPress, Elementor]

[Live Demo](#)

Built a responsive real-estate listings site showcasing pre-construction condo projects in GTA.

Savage Emblems [WordPress, Elementor]

[Live Demo](#)

Built and deployed a responsive product showcase website.

PUBLICATIONS

PavD-YOLOv9: An Enhanced Deep Learning Method for Accurate Pavement Distress Detection and Classification

Published | IEEE | [URL](#)

Comparative Analysis of Object Detection Algorithms for Pothole Detection under Environmental Constraints

Accepted | Springer | Not online yet

YOLO-Based Road Damage Detection: Dataset Analysis and Real-World Implications

Accepted | Springer | Not online yet

Optimizing Urban Traffic Management in Bangladesh Using AI, IoT, and Advanced Algorithm: A Modified YOLO Approach

Accepted | Springer | Not online yet

SOCIAL ENGAGEMENT

Campus Ambassador – BD Apps

2022–2023

Robi Axiata Limited

Academic Mentor

April 2023 – August 2023

Department of CSE, IUBAT

REFERENCE

Shaikh Sabbir Ahmed Waliullah

Assistant Professor

College of Business Administration,
IUBAT

E-mail: shaikh.waliullah@iubat.edu

Shahinur Alam

Assistant Professor & Coordinator

Department of Computer Science and Engineering,
IUBAT

E-mail: shaheen@iubat.edu