Resume Of

Jahidul Islam

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🌐 GitHub: https://github.com/jahidulzaid

🌐 Portfolio: https://jahidulzaid.github.io/

🔗 LinkedIn: linkedin.com/in/jahidulzaid

Professional Summary:

Final-year Computer Science student at Green University of Bangladesh with hands-on experience in full-stack web development (PHP with Laravel), AI, and RAG-based research. Proficient in C++, Java, Python - Django, and system design. Passionate about solving real-world problems and contributing to impactful tech solutions. Open to backend, AI research, or software engineering roles.

Career Objectives:

To pursue professional growth in a reputed organization where I can contribute effectively in both individual and collaborative roles. I aim to utilize my technical skills, creativity, and problem-solving mindset to deliver results and support the organization's goals.

Educational Qualifications:

B.Sc. in Computer Science and Engineering (CSE) *(Ongoing)*
Green University of Bangladesh

- CGPA: 3.32 (8th Semester Completed)
- Batch: 221 | ID: 221002504

Higher Secondary Certificate (H.S.C)
Barkota H/S College, Comilla Board — Science

- Year: 2019 | GPA: 5.00/5.00

Secondary School Certificate (S.S.C)
Lalpur Nazrul Islam High School, Comilla Board — Science

- Year: 2017 | GPA: 4.95/5.00

Technical Skills:

Languages & Frameworks:
- C++, PHP (Laravel), Python (Django), HTML, CSS, JavaScript, MySQL, Java (Swing)

Core Concepts:
- Data Structures and Algorithms, Object-Oriented Programming (OOP), Database Design, Operating Systems, Networking, Software Engineering, Technical Report Writing (LaTeX)

Tools & Platforms:
- VS Code, PHP Storm, NetBeans, Git, GitHub, XAMPP, MySQL
- MS Word, PowerPoint, Excel
- Hardware and Software Troubleshooting

Soft Skills:

- Strong Communication
- Team Collaboration, Leadership & Initiative
- Time Management
- Problem Solving
- Adaptability
- Accountability

Projects:

1. **CodeCraft-Academy (Learning Platform):** github.com/jahidulzaid/CodeCraft-Academy
   Technologies: PHP (Laravel), MySQL, HTML, CSS, JS
   Laravel-based platform for learning programming interactively
   Role-based access (admin, instructor, student), quiz system, progress tracking
   Focused on multi-language course support (Java, Python, C++) with Online Judge

2. **MiniShop:** github.com/jahidulzaid/Mini-Shop
   Technologies: HTML, CSS, JavaScript, PHP (no framework), MySQL
   Simple e-commerce platform with cart, admin, login system

3. **Advanced E-Commerce Online SuperShop:**
   Link: github.com/jahidulzaid/Advance_E-Commerce_Online-SuperShop
   Technologies: PHP (Laravel), MySQL, HTML, CSS, JS
   Developed a responsive Laravel-based e-commerce website with user login, cart, order system, and admin panel
   Implemented product management, secure routing, and dynamic content rendering

4. **Intrusion Detection System (IDS)**
   CLI-based Python project using machine learning
   Detects anomalies in custom datasets with CSV parsing and rule-matching logic
   Supports integration with any dataset and evaluates performance

5. **Multi-Client_ChatApp (Socket Programming):** github.com/jahidulzaid/Multi-Client_ChatApp
   Technologies: Java (Swing), MySQL
   Java desktop application using multithreading and sockets
   Real-time order management between clients and server

6. **CLI-Based Search Engine:** github.com/jahidulzaid/CLI-Search-Engine
   Implemented in C++ using Trie and Hashing
   Supports prefix, exact, and substring search with KMP algorithm
   CLI-based UI; tested on large-scale .txt datasets

7. **JMP ChatBot (LLM-based Bilingual Chatbot)**
   Technologies: Python, Langchain, Gemini API, Streamlit, Dataset: JMP Wash Dataset
   Built an interactive AI chatbot capable of understanding and responding in both Bangla and English
   Integrated Langchain with Retrieval-Augmented Generation for sanitation-related queries from the JMP Wash data
   Employed Google Gemini API for LLM responses; designed a user-friendly interface using Streamlit

Thesis & Research:

Title: *Optimization of Retrieval-Augmented Generation (RAG) Models for Domain-Specific Applications*
Supervisor: Prof. Dr. Saiful Azad, Dean, Green University of Bangladesh
- Focus: Enhancing small institutional RAG systems using graphs

Language Proficiency:

- **Bangla:** Fluent (Reading, Writing, Speaking)
- **English:** Fluent (Reading, Writing, Speaking) – *WSDA Certified*

Achievements:

- **Certificate of Completion — Python with Django (EDGE - ICT Division)**
- **Certificate of Completion — PHP with Laravel (BASIS-BITM)**
- **IEEE Membership (2024, 2025)**
- **2nd Place — IT Olympiad, GUB CSE Carnival 2024**

Extracurricular Activities:

- Active competitive programmer on online platforms
- Organizer/Volunteer in CSE Carnival 2024, STI 2024, IEEE GUB events
- Attended national and international webinars, coding contests, and workshops

Personal Information:

Full Name	: Jahidul Islam
Father's Name	: Md. Hanif Osman
Mother's Name	: Laily Begum
Date of Birth	: 17 March 1999
Gender	: Male
Marital Status	: Single
Religion	: Islam
Blood Group	: O+

Declaration:

I hereby declare that the information provided above is true and accurate to the best of my knowledge. I take full responsibility for any misrepresentation.

Signature

Jahidul Islam