Shifat Arman Shiam

Full Stack Web Developer | CyberSecurity Enthusiast

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About Me

I am a passionate researcher and developer with experience in programming, deep learning, natural language processing (NLP), and cybersecurity. I enjoy solving complex problems related to security and software architecture design. I am enthusiastic about building web applications (Software-As-A-Services) SaaS models using PHP, Javascript frameworks. I prefer to keep myself updated with the state-of-the-art technologies with strong focus on organization and clarity.

Education

Bachelor of Science in Computer Science and Engineering   2023 - Present
American International University-Bangladesh
- GPA: 3.95/4.0 (certificate validation link)
- **Notable Courses:** Software Engineering, Web Technologies, Operating Systems, Computer Networks
- **Elective Courses:** Advanced Computer Networks, Advanced Web Technologies, Advanced Database

Higher Secondary Certificate (HSC)   2021 - Dhaka
SOS Hermann Gmeiner College - Dhaka
- GPA 5.00 - Dhaka Board

Secondary School Certificate (SSC)   2019 - Dhaka
SOS Hermann Gmeiner College - Dhaka
- GPA 5.00 - Dhaka Board

Volunteering Experience

Webmaster, IEEE Bangladesh Section   Jan 2024 - Present
- Managed three research conference website: BECITHCON'24, ICCIT'24 & BECITHCON'25 with Wordpress

Web Developer, IEEE AIUB Student Branch   Jan 2023 - Present
- Managed website using frameworks - React, NextJS (typescript), PostgresDB (Supabase)
- Created website for Flagship event -SPAVE 6.0, SPAVE 7.0 (link)
- Managed mail sending service with mail merge to manage event campaigns.
- Created QR-Based Event Management System for the flagship events to distribute goodies to the participants.
- Worked as team to manage 80+ events and received the IEEE DARREL CHONG AWARD (GOLD) for the branch in 2023

Skills

Languages: C#, SQL, LaTeX, bash, **JavaScript, PHP, Python**

Technologies and Frameworks
- Frontend: TailwindCSS. React, NextJS
- Backend: Node.js, Express.js, Django, Laravel
- Database: NoSQL, Postgres, Laravel-ORM
- Other: Notion, Trello, Zotero, Google Colab, AWS, Docker, pwn-tools

Soft Skills and Interests
- Leadership
- Organized
- Punctual
- Hobbies: Gaming

Problem Solving Platform
- LeetCode: Array, Hashtable, Depth-Frist-Search, Dynamic Programming, Sliding Window, Divide and Conquer.

leetcode.com/SHIFAT-Arman/

Certifications

Introduction to data engineering on Azure   Microsoft Learn - 2025
- Data engineering concepts

Explore core data concepts   Microsoft Learn - 2025
- Data types, data storing, transactional data

Introduction to FrontEnd Development   Coursera - 2023
- HTML, CSS, Javascript, React

Projects

Qr-code-gen-send   github.com/qr-gen-send
- Generate unique identifiers for event participants
- Create QR codes for each participant
- Send personalized emails with QR codes and event information
- Track email delivery status
- Tools Used: Python

Telemedicine++ (Project Report)   github.com/telemedicine++
- With telemedicine++ patients who are Deaf, speech-impaired or visually impaired can have conversations by using live transcription and voice assistant.
- Tools Used: draw.io, notion, Trello

Welfare management of company using Java   github.com/welfareApp
- Developed a management system where employees ask for a welfare plan based on their working criteria
- Tools Used: Java, MySql, Object Oriented Programming (OOP) principles

Corporate Task Management System using C#   github.com/CorpTaskMang
- An efficient system which will achieve improved team coordination and effective transparency between managers and employees
- Created proper documentation so that others can use it
- Tools Used: C#, Visual Studio, Microsoft SQL Server

IEEE AIUB Student Branch - Website   github.com/ieeeaiubsb
- Tools Used: React, Tailwindcss, NextJS

Achievements

Capture The Flag (CTF) - Top 20   Nov - 2025
- Organized by the BUP Robotics Club,
  Bangladesh University of Professionals (BUP)

Capture The Flag (CTF) - Top 30   Nov - 2024
- Organized by Robotics Club,
  East West University (EWU)

Physics Poster Competition in Nanotechnology - Winner   Oct - 2023
- Organized by the Faculty of Science and Technology (FST),
  American International University-Bangladesh (AIUB)

References

JUBAYER AHAMED   **REZOANA AFRIN**
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