



SM. ARHAB SAFWAN

Software Engineer

OBJECTIVE

Enthusiastic Software Engineer with over three years of experience, actively seeking a stimulating role within a dynamic organization. Proven track record of successfully delivering both national and international projects, showcasing adaptability, cross-cultural communication, and strong project execution skills. Committed to continuous professional development and leveraging technical expertise to build innovative, cutting-edge software solutions. Proficient in utilizing AI tools such as ChatGPT and GitHub Copilot to accelerate development, streamline debugging, and solve complex problems efficiently. Eager to join a collaborative team, broaden technical capabilities, and contribute meaningfully to organizational success in an increasingly AI-driven tech landscape.

CONTACT ME

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PROFILE

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🔗 github.com/ArhabSafwan
💼 arhab-portfolio.webloomst.net/

➤ EDUCATION

AMERICAN INTERNATIONAL UNIVERSITY OF BANGLADESH(AIUB)

B.Sc. in Computer Science & Engineering 2018 - 2022

CGPA: 3.40

MILESTONE COLLEGE(ENGLISH VERSION)

H.S.C (2017)

GPA: 4.75

MILESTONE COLLEGE(ENGLISH VERSION)

S.S.C (2015)

GPA: 5.00

➤ EXPERIENCE

3DEVS IT LTD.

FULL STACK SOFTWARE ENGINEER(MAY 2024 - PRESENT)

Responsibilities:

- Architected scalable applications to support project demands and enhance data performance.
- Analyzed and optimized system performance to ensure responsiveness.
- Utilized AI tools (ChatGPT, Copilot) to solve complex programming issues in minimal time
- Led security protocol implementation and code reviews for industry-standard compliance.
- Designed scalable systems with effective load distribution.
- Utilized Git for version control with structured branching strategies.
- Handled manual deployment of web applications to Linux-based servers using FileZilla (SFTP) and MobaXterm for remote server access and updates
- Drafted technical documentation and simplified complex concepts for team collaboration.
- Drafted technical documentation and user manuals to support system use and maintenance.
- Participated in client meetings and conducted training sessions to ensure effective onboarding and support.
- Developed and integrated RESTful APIs to enable seamless communication between front-end and back-end systems, ensuring optimal performance and scalability.
- Implemented SSO login feature for BRAC Migration
- Developed full text search engine for fast searching in system
- Developed and integrated payment systems including bKash IPN, Visa, and Mastercard to support e-commerce transactions.
- Automated invoice generation and email delivery post-payment, improving operational efficiency.
- Collaborated with the finance and QA teams to ensure payment accuracy, security, and compliance.
- Worked with GeoJSON polygon data to develop interactive maps of Bangladesh's divisions, districts, and upazilas, enabling user-driven selection and visualization of hierarchical geographic data

EXPERTISE

- **Front End Development:** HTML5, CSS3, Bootstrap5, Tailwind, Javascript.
- **Programming Language:** PHP, Javascript
- **Library:** Jquery, Composer
- **Frameworks:** Laravel, Vue Js
- **Database:** MySQL, MariaDB
- **API:** RESTful web service development using Laravel.
- **Version Control:** Git & Github. Good knowledge of Object-Oriented Programming concepts and MVC architecture.
- **CI/CD Tools:** Docker, GitHub Actions
- **AI Utilization:** Leveraged AI tools (e.g., ChatGPT, GitHub Copilot) to optimize code structure, reduce time complexity in algorithms, and accelerate development workflows through intelligent code suggestions and debugging support.

SKILLS AND ATTRIBUTES:

- Organized, multitasking, and good problem solver.
- Quick learner with a strong ability to adapt to new technologies and methodologies.
- Strong leadership and the ability to analyze complex technical information.
- Leveraged AI tools like ChatGPT and GitHub Copilot to rapidly solve complex development challenges, reducing problem-solving time and increasing productivity
- Used AI assistants to debug code, generate solutions, and explore unfamiliar concepts quickly, accelerating development and improving code quality
- Integrated AI-powered tools into daily workflow for faster prototyping, real-time code suggestions, and efficient handling of logic-heavy tasks

EXPERIENCE

DEVTECHGURU LTD.

FULL STACK SOFTWARE ENGINEER(MAY 2022 - MAY 2024)

Responsibilities:

- Contributed to and eventually led scalable software solution architectures to meet project requirements.
- Assisted in optimizing database schemas for integrity and efficiency, later taking responsibility for schema refinement.
- Supported system design for scalability, with increasing responsibility over load balancing strategies.
- Collaborated in technical documentation creation, taking on lead documentation tasks for system architectures.
- Utilized Git for version control with structured branching strategies, gradually implementing more complex workflows.
- Participated in client meetings and training sessions to support project implementation.
- Learned and then implemented CI/CD pipelines for automated testing and deployment as part of the development process.

PROJECTS

Brac Migration Management and Information System:

- **Technologies:** HTML, CSS, Bootstrap, Javascript, PHP, MariaDB

Unicef National Planning & Monitoring System BD Washdata:

- **Technologies:** HTML, CSS, Bootstrap, Javascript, PHP, MariaDB

Brac Otithi Web Application:

- **Technologies:** HTML, CSS, Bootstrap, Javascript, Tailwind, PHP, Laravel, MySQL

Brac Frugal Innovation Forum Web Application:

- **Technologies:** HTML, CSS, Bootstrap, Javascript, Tailwind, PHP, Laravel, MySQL

Brac Social Innovation Lab Web Application:

- **Technologies:** HTML, CSS, Bootstrap, Javascript, Tailwind, PHP

The Asian University for Women Laboratory School MIS:

- **Technologies:** HTML, CSS, Bootstrap, Javascript, Tailwind, PHP, Laravel, MySQL

The Asian University for Women Laboratory School Web Application:

- **Technologies:** HTML, CSS, Bootstrap, Javascript, Tailwind, PHP, Laravel, MySQL

Laboratory Information Management System (LIMS) of Wyss Institute at Harvard :

- **Technologies:** HTML, CSS, Bootstrap, Javascript, Tailwind, PHP, Laravel, MySQL

ERP of THREE ARROWS PLASTIC FACTORY CO.

- **Technologies:** HTML, CSS, Bootstrap, Javascript, PHP, MariaDB

ERP of Al-Rukan

- **Technologies:** HTML, CSS, Bootstrap, Javascript, PHP, MariaDB

HG Digital Solution(web presence)

- **Technologies:** HTML, CSS, Bootstrap, Javascript, jQuery

QUICK FACTS

- **Years of Experience:** 3+ Years
- **Code Editor:** VS Code
- **SQL Development kit:** SQLyog
- **Server Access & Deployment Tools:** MobaXterm, FileZilla

LANGUAGE

- English (fluent)
- Bangla (native)

CORE SKILLS

- Software Architecture
- Database Optimization
- System Scalability
- Code Optimization
- Debugging & Troubleshooting
- Agile Methodologies
- API Development

SOFT SKILLS

- Communication
- Team Collaboration
- Client Relations
- Problem-Solving
- Adaptability

CERTIFICATIONS

LARAVEL 9.0 ESSENTIAL TRAINING, LINKEDIN LEARNING - JUNE 2023

REFERENCES

SHAKIL AHSAN
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