

Ahnaf Shahriar

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Address : Flat-C2, 1757, Alif Nagar, East Badda, Dhaka-1212, Bangladesh

Summary

Experienced Full-Stack Software Developer with a track record of delivering impactful national/government projects. Skilled in optimizing codebase for faster performance and proficient in ASP.NET and various databases like SQL Server. Adept in Agile environments, emphasizing iterative development and client satisfaction.

Skills

- Agile Development
- C#, C++, Python
- ASP.NET Core, Web API, ASP.NET MVC, Razor Pages
- jQuery
- Microservice, Docker, Azure
- Bootstrap, HTML, CSS, SASS
- MS SQL Server, MySQL
- Project Management
- Team Leadership
- Requirement Engineering
- Jira, Trello, Asana

Work Experience

Duration – September 2017 to Present

Employer – Development Design Consultants Ltd. (DDC)

Location – 47, Mohakhali C/A, Dhaka-1212, Bangladesh

Responsibilities/Projects:

1. Development of Scholarship Management System for DSHE

- **Client** – Directorate of Secondary & Higher Education (DSHE), Ministry of Education
- **Funding** – Government of Bangladesh (GOB)
- Led the development of a robust scholarship platform using Laravel, incorporating Laravel Reverb for notifications and Laravel Pulse for monitoring and analytics.
- Implemented an Excel upload module for efficient gazette management, simplifying bulk data handling.
- Integrated APIs with the Central EMIS Server for seamless data synchronization and enhanced functionality.
- Designed detailed reports to support data-driven decision-making and improve program effectiveness.
- Successfully collaborated with cross-functional teams to ensure seamless integration and efficient project execution.

2. Software Development for Internet Learning Centers (ILC)

- **Client** – Directorate of Secondary & Higher Education (DSHE), Ministry of Education
- **Funding** – Asian Development Bank (ADB)
- Spearheaded the development of a cutting-edge Internet Learning Center platform, leveraging state-of-the-art technologies such as ASP.NET and SQL Server.
- Implemented an integrated Google Maps feature, empowering users to locate schools, while providing real-time insights on vital information like laptop up time, usage statistics, and class schedules.
- Developed PowerShell scripts to generate and transmit real-time information about domain users, enhancing data synchronization with the central server.
- Leveraged Crystal Reports and Analytics to generate comprehensive reports, enabling data-driven decision-making.
- Successfully collaborated with cross-functional teams to ensure seamless integration and

efficient project execution.

3. **Development of Project Management Information System (PMIS) for CEDP**

- **Client** – College Education Development Project (CEDP), Ministry of Education
- **Funding** – World Bank
- Engineered a robust Project Management Information System, utilizing cutting-edge technologies including CakePHP and MySQL.
- Created modules for Procurement Management, Fund Management, and Monitoring and Evaluation, streamlining project workflows and enhancing efficiency.
- Collaborated closely with stakeholders to gather requirements, design system architecture, and deliver innovative solutions.
- Mentored and guided junior developers, fostering a collaborative and high-performing team environment.

4. **Development of Smart Training Management System**

- **Client** – Secondary Education Sector Investment Project (SESIP)
- **Funding** – Asian Development Bank (ADB)
- Transformed training management processes by automating trainee selection, resource repository, and certificate generation using Laravel and MySQL.
- Led a team of 3 engineers, providing technical guidance, fostering knowledge sharing, and ensuring project milestones were achieved.
- Developed a sophisticated data synchronization mechanism, enabling seamless transfer of millions of teachers' personal data between systems.
- Integrated third-party solutions like National ID portal, payment gateway, and SMS gateway, enhancing system functionality and user experience.
- Implemented Single-Sign-On (SSO) for seamless authentication and access control across multiple platforms.
- Presented client management reports and conducted engaging presentations, effectively communicating project status and achievements.

5. **Development of Inventory Management System**

- **Client** – Secondary Education Sector Investment Project (SESIP) & DSHE
- **Funding** – Asian Development Bank (ADB)
- Contributed to the development of the system using CakePHP and MySQL, focusing on modules for procurement, inventory, and monitoring.
- Maintained client relationships, conducted presentations, and gathered requirements to ensure alignment with stakeholder expectations.
- Managed the project's GIT repository, overseeing version control and facilitating seamless team collaboration.
- Collaborated closely with team members to deliver efficient, user-friendly solutions while ensuring project goals were met.

6. **IT Enable Service Enhancement, Operational Support and Maintenance of the RJSC Computerized Application**

- **Client** – Registrar of Joint Stock Companies & Firms (RJSC), Ministry of Commerce
- **Funding** – Government of Bangladesh (GOB)
- Proactively managed client relationships, understanding their unique requirements, and delivering tailored solutions.
- Support their existing system.
- Participated in workshops, technical evaluation meetings etc.

Other Projects

1. Issue Tracking & Ticketing System

- Developed a comprehensive Issue Tracking & Ticketing System from scratch using ASP.NET Core 7 and SQL Server 2022.
- Implemented a user-friendly interface for customers to raise issues and track progress.
- Architected the system to efficiently handle ticket assignments, escalations, and resolutions.
- Utilized Crystal Report module to generate insightful reports for analyzing issue trends and performance metrics.

2. ChanceFiller - A Chrome Extension for Form Automation

- Created a lightweight Chrome extension to automate form filling with realistic dummy data for developers and testers.
- Implemented support for various input types (text, email, number, date, etc.), with activation via a single-click interface.
- Designed for efficiency, ensuring no unnecessary background processes, and set up for future enhancements like context-based data generation and UI improvements.
- Developed using JavaScript and Chrome Extension Manifest, leveraging Chrome's API for seamless integration and performance.

3. Land FireFly

- Developed a Land and Property buy/sell web application from scratch using ASP.NET Core 8, React and SQL Server 2022.
- Implemented Google Maps API to provide integrated terrain view of the location with key points popup.
- Implemented modular design for easy upgradation and scaling.

4. E-commerce Website Development

- Built a scalable and secure e-commerce website utilizing technologies like ASP.NET Core, React, and SQL Server.
- Implemented features such as product catalog, shopping cart, payment gateway integration, and order management.
- Utilized responsive design principles for optimal user experience across different devices.
- Implemented search engine optimization (SEO) techniques to improve the website's visibility and search rankings.

5. Virtual Business Card

- Developed a feature-rich virtual business card platform allowing users to create personalized profiles, generate QR codes, and conveniently share their professional information.
- Implemented user-friendly profile creation with image upload, bio description, business website links, and social media handles.
- Utilized ASP.NET Core and Bootstrap to build a robust and responsive web application, ensuring seamless user experience and cross-platform compatibility.

6. MathGuru

- Developed an interactive, gamified math learning platform similar to Duolingo, focusing on making math learning engaging for users of all ages.
- Designed bite-sized lessons, quizzes, and challenges to help users master key mathematical concepts, from basic arithmetic to advanced topics.
- Built using ASP.NET Web API for the backend and React for the frontend, ensuring a dynamic, responsive user experience.
- Focused on personalized learning paths with AI-based recommendations and adaptive difficulty to keep learners motivated and progressing at their own pace.

Education

Degree	Institute
Bachelor of Science (Honors) in Information Technology (IT)	Institute of Information Technology, Jahangirnagar University, Savar, Dhaka 2013-2016
Higher Secondary School Certificate (HSC)	Adamjee Cantonment College
Secondary School Certificate (SSC)	Adamjee Cantonment Public School

Certifications/Training Courses/Professional Memberships

Category	Title	Institute/Organization/Country
Membership	Lifetime Member (M02996)	Bangladesh Computer Society (BCS)
Membership	Member (93847762)	Institute of Electrical and Electronics Engineers (IEEE)
Cloud	Microsoft Certified: Azure Fundamentals (AZ-900)	Certified by Microsoft
AI	Oracle Cloud Infrastructure 2025 Certified Generative AI Professional	Certified by Oracle
AI	Oracle AI Vector Search Certified Professional	Certified by Oracle
AI	Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate	Certified by Oracle
Cloud	Oracle Cloud Infrastructure 2025 Foundations Associate	Certified by Oracle
Software	Professional Programming with C#	Devskill
Software	Developing ASP.NET Core MVC Web Applications (20486-D)	Bangladesh Hi-Tech Park Authority, ICT Division, Bangladesh
Web	Full Stack Web Development with Angular Specialization	Coursera
Web	Dot Net	Top-Up IT Training, Bangladesh Computer Council, Bangladesh
Security & Admin	Public Key Infrastructure & ISO 27001 LA	Dotcom Systems, Bangladesh
Linux Servers	Red Hat Certified Engineer - RHCE Preparation Course	Neotrix Bangladesh
Web	Modern JavaScript: ES6 Basics	Coursera
Web	Interactivity with JS	Coursera

*Certificates are attached in the following pages. Some are available upon request.

Language Skills

- Fluent in English & Bengali (Listening, Reading, Writing & Speaking)

Others

- 200+ problems solved in Leetcode, uVA etc. Details can be found at www.github.com/bdahnaf
- Built and programmed a Color Follower Robot using Python, OpenCV & RaspberryPi 3.
- Blogging about tech at <https://medium.com/@ahnaf.sakib>

References

Sheikh Abdur Rahman Principal Software Engineer Dell Global Business Center, Malaysia Email - skarahman@gmail.com Contact - +6011331402	Dr. Mohammad Zahidur Rahman Professor Department of CSE, Jahangirnagar University Email - rmzahid@juniv.edu Contact - +8801971733480
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Member Serial:

Membership Certificate

This is to certify that

AHNAF SHAHRIAR NID:7330023271

is duly admitted into the Bangladesh Computer Society as an **Member** with effect from **2024-12-03** .

He/She bears the membership number **M02996** and is fully entitled to go all the privileges granted by the constitution and by laws of the society.

His/Her membership is valid till **(Life Time)**

President

Secretary General



Ahnaf Shahriar

(Legal name: Ahnaf Shahriar)

has successfully achieved the certification

Microsoft Certified: Azure Fundamentals

Date of achievement: July 8, 2022

Certification Number: I344-6371

Satya Narayana Nadella

CERTIFICATE

THIS CERTIFICATE IS PRESENTED TO

AHNAF SHAHRIAR

WHO HAS SUCCESSFULLY COMPLETED THE COURSE

PROFESSIONAL PROGRAMMING WITH C#

CERTIFIED BY
 Dev Skill



SIGNATURE: _____

BATCH: 12

ORACLE
University



Oracle Certified Professional

Certificate of Recognition

Ahnaf Shahriar

Oracle Cloud Infrastructure 2025 Certified Generative AI Professional

This certifies that the above named is recognized by Oracle Corporation as Oracle Certified.

October 29, 2025

Date

A handwritten signature in black ink, appearing to read "D. Carey".

Damien Carey
Senior Vice President, Oracle University

This eCertificate is valid until October 29, 2027



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ORACLE
University



Oracle Certified Professional

Certificate of Recognition

Ahnaf Shahriar

Oracle AI Vector Search Certified Professional

This certifies that the above named is recognized by Oracle Corporation as Oracle Certified.

November 07, 2025

Date

A handwritten signature in black ink, appearing to read "D. Carey".

Damien Carey
Senior Vice President, Oracle University



322816515DB23AIOCP

ORACLE
University



Oracle Certified Foundations Associate

Certificate of Recognition

Ahnaf Shahriar

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate

This certifies that the above named is recognized by Oracle Corporation as Oracle Certified.

October 07, 2025

Date

A handwritten signature in black ink, appearing to read "D. Carey".

Damien Carey
Senior Vice President, Oracle University

This eCertificate is valid until October 07, 2027



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ORACLE
University



Oracle Certified Foundations Associate

Certificate of Recognition

Ahnaf Shahriar

Oracle Cloud Infrastructure 2025 Certified Foundations Associate

This certifies that the above named is recognized by Oracle Corporation as Oracle Certified.

October 05, 2025

Date

A handwritten signature in black ink, appearing to read "D. Carey".

Damien Carey
Senior Vice President, Oracle University



322816515OCI25FNDCFA



CERTIFICATE OF ACHIEVEMENT

This is to certify that *Annaf Shakriar* has completed Top-up IT Training, in the month of *January 2018*, conducted by Ernst & Young LLP, India under Leveraging ICT for Growth, Employment and Governance (LICT) Project of Bangladesh Computer Council (BCC), ICT Division, People's Republic of Bangladesh on *Dot Net* under NASSCOM IT-ITES Sector Skill Council (SSC) Certification. The program is certified by George Washington University, USA.

Project Director
Leveraging ICT for Growth
Employment and Governance project

Executive Director
Bangladesh Computer Council

Validate the Authenticity at:
portal.bdskills.com/certificates

Certificate Verification No: *9037244*

MICROSOFT® CERTIFICATE OF Achievement

This certificate accredits that

Ahnaf Shakriar



has successfully completed the following
Microsoft Official Course:



20486-D

ASP.NET Core MVC Web Application

Arifur Rahman
Director Technical
Corporate Projekti Limited

Satya Nadella
Chief Executive Officer
Microsoft Corporation

A. N. M. Safiqul Islam
Project Director (Joint Secretary)
Digital Entrepreneurship and Innovation
Ecosystem Development Project





CERTIFICATE OF COMPLETION

THIS IS TO CERTIFY THAT

Ahnaf Shahriar

HAS SUCCESSFULLY COMPLETED

Red Hat Certified Engineer - RHCE

PREPARATION COURSE

Md Arafat Hossain
Partner Manager
TEKLIT INC, Australia

Course completed on 4th March 2016
Certificate issued on 9th March 2016
Validation id 2016 KF 983

M Monwar Wahedul Aziz
Course Coordinator
NEOTRIX, Bangladesh

Certificate & Course are co-presented by TEKLIT INC, Australia & NEOTRIX, Bangladesh.

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Certification Number
DCS/CN0000176/05102017

CERTIFICATE OF COMPLETION

This certificate is proudly presented to

Ahnaf Shahriar

Has Successfully Completed The Course Of

Public Key Infrastructure (PKI) & ISO27001 LA

From

September 24 - October 05' 2017

Mizanur Rahman
Chief Operating Officer

For verification: Email: training@dotcomsystem.net
www.dotcomsystem.net