

# MOHSINA AHMED CHOWDHURY

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## PROFESSIONAL PROFILE

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*An experienced and committed IT professional with some experience in IT practice and private sector is keen to prove herself as a professional Software Developer. Highly focused with a comprehensive knowledge of Computer Science and understanding of IT sector. Easy going by nature and able to get along with both work colleagues and managers. Able to make efficient, effective interaction and courteous dealing with target and clientele group both in person or over telephone and on any sort of electronic media.*

## IT/TECHNICAL SKILLS

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- **Programming Languages:** HTML5/CSS3, C/C++/C#, ASP.NET, Java, JavaScript, PHP, Python3, Ruby.
- **Web Application Architecture:** Apache/WAMP, PHP; **PHP Framework:** CodeIgniter.  
**Content Management System:** WordPress (Advanced plugins); **Source Code Management:** GitHub.
- **Web Hosting Control Panels:** Plesk and cPanel; **Extra Web Related:** SEO & Google Analytics; **Testing:** TDD (unit test); **Database:** MySQL Workbench, SQLite3, PostgreSQL
- **Software:** Visual Studio/Visual Studio Code, Microsoft Office, Adobe Dreamweaver, Adobe Creative Cloud, Figma; **Other:** Xero (finance), moneysoft (Payslip), Ever-sign (Documentation)

## PROJECTS:

- Developed a Learning Analytics application in ASP.NET, and then deployed it on a university authentic server environment (University of Hertfordshire, 2014).
- An Amazon price tracker project in Python using BeautifulSoup.
- A JavaScript Project: A dice roll game, Guess a number, ATM Card Machine, an IT website and Film Flix project

## KEY SKILLS AND COMPETENCIES

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- Strong analytical skills
- Strong leadership and managerial skills
- Good spoken, written and communication skills.
- Good organisational and time management skills
- Ability to interpret and communicate IT data to non-IT personnel.
- Motivated and driven to achieve through hard work and determination.
- Comfortable when dealing with important external clients and senior colleagues.

## CAREER SUMMARY

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### 16 Weeks of Software Engineering Programme Makers Academy, London, UK

July - Oct 2023

- Software Development and designing projects using TDD approach and agile methodologies
- Python foundations and developer tools
- Database backend web applications and cloud deployment, Software Engineering project
- Cloud Engineering – Containers, CI/CD, Orchestration, Securing Cloud Applications, SRE Issues.

### Teach Her Mentorship Programme 8 Weeks of Tech Mentoring Programme for women

21<sup>st</sup> July – Sep 2023

- Doing mentorship programme under a Software Developer at the Department for Levelling Up, Housing and Communities.

### 12 weeks of Software Development Bootcamp DFE 8 Just IT, London, UK

3 Apr – July 2023

JavaScript Basics, Portfolio and Project Design  
Python Basics and Mini Project Design

Database with MySQL and related Project  
Python App with Database using SQLite3

### IT and E-Commerce Officer – Part Time (Volunteer) Elite Accountancy, London, UK Key Responsibilities:

1 Mar - July 2023

- keep computer systems running smoothly, install and configure computer hardware OS and applications.

- Active in the Xero interface and regular monitor the invoices, creating payslips and doing documentations using ever-sign.

#### ICT Officer - Part Time

1 Mar – July 2023

Salar Impex Limited, London, UK

#### Key Responsibilities:

- Help setting up IT infrastructure and day to day IT administration including managing server and client machines, preparing company documents using various software.

#### Python Bootcamp

1 Jan – Mar 2023

100 Days of Code: The Complete Python Pro Bootcamp for 2023

Udemy

- Python basics, advanced topics, object-oriented programming, debugging and projects

#### ICT Officer and Course Co-ordinator

Feb 2014 – Dec 2022

MERAS Healthcare Limited ([Centre for Health Education](#)), Glasgow, UK

#### Key Responsibilities:

- Daily maintenance and development of ICT systems (including but not limited to website development) relating to the day to day running of the company. Actively followed the Agile Project Management system.
- Maintained the educational section of the website: [Centre for Health Education](#)
- Created an online application form and integrate with the WorldPay payment system both through custom code and the WordPress (WooCommerce).
- Designed and developed one of the first paperless online exam portal for various medical life support courses (ALSG, ALS, e-ALS, APLS, EPALS, GIC etc) in PHP.

### Education and qualifications

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University of Hertfordshire - BSc Computer Science, **First Class Hons.** 2013-2014

- Further Object-Oriented Programming (JAVA), Database, Principles & Applications of Web Services, E-learning Applications Design and Development

University of Glasgow - BSc Engineering in Microcomputer Systems Engineering, **Distinction**, 2007-2008

- Communication systems, Digital circuit design, Engineering mathematics, Electronics system design, Project design implementation & delivery, Real time computer systems, Computing Science – network systems, & Electronic circuit design.

University of Dhaka - BSc Engineering in Computer Science & Engineering, 2005-2007

- C/C++/JAVA, Assembly Language, Microprocessor & Networking.

HSC (Higher Secondary School Certificate) from Dhaka (Bangladesh), equivalent to A Level, GPA: 4.50, 2003

- English: A-, Mathematics: A+, Physics: A+, Chemistry: A+, Biology: A+.

SSC (Secondary School Certificate) from Dhaka (Bangladesh), equivalent to GCSE, GPA: 4.75, 2001

- English: A, General Mathematics: A+, Physics: A+, Chemistry: A+, Biology: A+, Higher Mathematics: A+

### Coding Challenges & Activities

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[CodeWar](#) Challenges

[MOOCs](#) Course and Assessments

Codecademy Challenges

Member of [Muslim Makers](#) for tech industry

Codility Challenges

BCS Events participation

### Membership of Professional Bodies

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Institute of Electrical & Electronics Engineers (IEEE) – Member | The Chartered Institute of IT (BCS) - Member

### Hobbies & Extra Interests

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Sewing, Drawing, Painting, Hand Craft & Driving

Awards: NNAS Navigation Award Bronze (SCQF 4) and Silver (SCQF 5), Bush Craft Course (by Aspen)

Languages: English (Fluent), Norwegian (A2), Bengali (Native), Urdu (Native), Hindi (Intermediate)

### References available on request.

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