

PROFESSIONAL PROFILE

An experienced and committed IT professional with good experience in IT practice and private sector is keen to prove herself as a professional Software Developer & Cloud Engineer. 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. Effective communicator adept at building stakeholder relationships face to face and through multiple platforms.

IT/TECHNICAL SKILLS

- **Programming Languages:** HTML5/CSS3, C/C++/C#, ASP.NET, Java, JavaScript, PHP, Python3, Ruby.
- **C# in .NET core 6/7:** Connect Azure Data Studio (Model mapping, Build API, console system, SQL query)
- **Development Principles:** Experience in SOLID principles; **Agile scrum** principles;
- **Docker:** Deploy projects in localhost, AWS, Exoframe server; **UX/UI:** Figma; **UI Framework:** Bootstrap
- **Web Application Architecture:** Apache/WAMP, PHP; **PHP Framework:** CodeIgniter.
Content Management System (CMS): WordPress (Advanced plugins); **Source Code Management:** GitHub.
- **Web Hosting Control Panels:** Plesk, cPanel; **Extra Web Related:** SEO & Google Analytics; **Testing:** TDD (unit test); **Database:** MySQL Workbench, SQLite3, PostgreSQL, Azure Data Studio; **Postman:** Build, test & modify API
- **AWS:** EC2, Elastic Beanstalk, CloudFormation, RDS, IAM users and roles, EKS, Ingres, Serverless CI/CD, S3 bucket, Amazon API Gateway, AWS Lambda, Terraform, Kubernetes (K8s); **CI/CD:** GitHub workflow, Jenkins
- **Software:** Visual Studio/Visual Studio Code, Microsoft Office, Adobe Dreamweaver, Adobe Creative Cloud **Other:** Xero (finance), moneysoft (Payslip), Ever-sign (Documentation), Trello Board (Project Management)

PROJECTS:

- **AWS Reliability Project:** We partnered with a veterinary hospital software provider to address a critical need. The client sought to replace their existing system, HOSP server, due to its unreliability. Our main aim was to reach 99% success rate with no security breaches during the project. (Technologies used: AWS load balancer, Lambda Function, S3 bucket, Nginx, Athena, CloudFront, OWSAP ZAP & AWS ACM)
- An Amazon price tracker project in Python using Beautiful Soup.
- A JavaScript Project: A dice roll game, Guess a number, ATM Card Machine.
- HTML/CSS/JavaScript/Bootstrap: An IT website and A trade business website for Salar Impex Limited.
- Python/Flask: A Film Flix project having a user interface for creating, deleting and updating a film database and deploy in Netlify.
- Developed a Learning Analytics application in first aid using ASP.NET, and then deployed it on a university authentic server environment (University of Hertfordshire, 2014).

KEY SKILLS AND COMPETENCIES

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| • Ability to interpret and communicate IT data to non-IT personnel | • Good organisational and time management skills, able to work across multiple time zone |
| • Good spoken, written and communication skills with different people of different level | • Motivated and driven to achieve through hard work and determination. |

CAREER SUMMARY

16 Weeks of Software Engineering DevOps/Cloud Programme Makers Academy, London, UK

10 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, deploy a full application in AWS, Orchestration using Kubernetes workshop, & Terraform.

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

21 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

3 Apr – July 2023

Just IT, London, UK

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)

1 Mar - July 2023

Elite Accountancy, London, UK

Key Responsibilities:

- 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.
- Designed a responsive [website](#) for the company.

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 course (PHP)

EDUCATION AND QUALIFICATIONS

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

CodeWar Challenges, Codility Challenges, MOOCs Course and Assessments, HackerRank Challenges, Member of Muslim Makers for tech industry, BCS Events Participation

Membership of Professional Bodies

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

Hobbies & Extra Interests

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.