

Rashed Haider

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Professional Summary

Curious and hands-on software engineering graduate with experience in C++, Python, CI/CD pipelines, and Agile workflows.

Completed a successful internship at Siemens, contributing to production-level toolkits and infrastructure.

Passionate about solving real-world problems through clean, maintainable code and collaborative development.

Technical Skills

Programming Languages: C++, Python, Java, C#, PHP, JavaScript, Perl

Web & Scripting: HTML, CSS, Flask, WordPress (Divi, Elementor)

Tools: Git, Jenkins, GitLab, Visual Studio, CI/CD Pipelines

Testing: Unit Testing, Automation, Test Script Development (Perl, Groovy)

Databases: SQL, MySQL, Big Data Analytics

Soft Skills: Communication, Collaboration, Time Management, Problem Solving

Education

BEng (Hons) Software Engineering - University of Bolton - First Class Honours - 2024

MBA - Heriot-Watt University, Edinburgh Business School - 2011

BSc (Hons) Economics - Khulna University, Bangladesh - 2005

Certifications

IBM - Python for Data Science, AI & Development

OpenEDG - C++ Programming Professional Certificate

Microsoft - Career Essentials in Cybersecurity

Projects

ANPR System (Python, OpenCV, Flask)

- Developed a deep learning-based number plate recognition system as a solo thesis project.
- Built a Flask web interface with live image upload, OCR pipeline, and CSV export.

Legacy Factory Development (C++, Groovy, Perl)

- Contributed to Siemens' JT Open Toolkit by implementing deprecation of geometry/topological entities in

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BRep framework.

- Enhanced test harness scripts and CI/CD pipeline helpers.

Exhibition Stand Management (Project Management)

- Led design and coordination of multiple exhibition stands across UK and EU venues.
- Liaised with venues and clients to ensure H&S compliance and on-time delivery.

Professional Experience

Software Engineering Intern - Siemens Digital Industries Software (Apr-Dec 2024)

- Refactored and modernized legacy codebase in Agile CI/CD environment.
- Worked on BRep deprecation, codebase modularity, and improved testing.

Project Manager - Air Bubble Ltd (2022-2024)

- Managed client-facing design, development, and delivery of websites and branding projects.
- Provided consultation and led cross-functional collaboration with remote teams.