

Sohail Shirzad | Software Engineer (Web Apps)

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A Software Engineer with a keen problem-solving ability. Experienced in developing interactive websites from the ground-up as well as cloud-based web apps. Full-stack skills include JavaScript, Node.js and MongoDB/SQL. Experienced with Github SCM and possess a strong understanding of computer science fundamentals, achieving a first-class undergraduate degree. A passion to develop readable, extensible and maintenance-friendly code. A quick learner with proven ability to collaborate effectively, work with constructive feedback and contribute to development teams in order to deliver projects on time.

Technical skills

- C#, Python, JavaScript, TypeScript, HTML, CSS, PHP, SQL
- Bootstrap, React, jQuery
- Git, Visual Studio Code, Visual Studio, Microsoft SQL Server Management, Node.js, IntelliJ IDEA, BlueJ, WordPress, Figma, Canva.

Banking Web App | University of Hertfordshire

2023

Built a cross-platform banking web application implementing the MVC pattern. It allows users to manage all their financial transactions online. Features included:

- JavaScript front-end communicating with a C# back-end
- Account creation, secure login and authentication using hash algorithms
- Making payments, transferring money, editing personal details, achieved through CRUD operations and Microsoft SQL server management

Extensively debugged and documented deep-routed code issues, improving code robustness along the way.

Website Developer / IT Technician

2020 - Present

Afghan Association of London, North London

Designed and developed an interactive website for a non-profit charity organisation.

- Interactive and responsive website based on the WordPress platform
- Custom development in php, HTML and JavaScript, implementing forms, internal links and monitoring
- Increased visitor retention and enquiries by up to 80%

Freelance Software Engineer | Part-time

2020 – Present
London

Successfully developed professional websites using various languages and platforms such as ASP.NET, C#, JavaScript, Visual Studio, Microsoft SQL Server, Oracle, HTML, CSS, Node.js, and WordPress. I also interface and communicate with clients via email, phone, or face-to-face to build and deliver technical solutions according to stakeholder business requirements. This has helped me interact with clients directly, work on small to large-scale projects, and improve my time-management, problem-solving skills. Additionally, I continue to engage in self-development activities.

Key achievements

- Developed, styled, and deployed an interactive, accessible, and responsive web application for Stroika building services primarily using HTML, CSS, JavaScript, Node.js, Visual Studio code, Git, and GitHub. Please use the link provided to see the application: stroika.co.uk

Projects

Other Work Experience

IT Technician

Jan 2020 – Sep 2020

Biggleswade Academy

Biggleswade, Bedfordshire

My main duties were editing the Academy website on a daily basis. Monitoring the IT Helpdesk and providing responses to all ticketing queries, using remote control software tools to provide fault resolution and diagnosis as well as answering calls to the IT Helpdesk and providing professional service at all times.

Education

Skills Bootcamp in Font-End Web Development | edX

Current

A 16-Week intensive program, focused on gaining programming skills in HTML5, CSS3, JavaScript, JQuery, React.js, ES6, Node, and Application Programming Interfaced (APIs).

First Class in BSc (Hons) Computer Science (Software Engineering) | University of Hertfordshire

2020 – 2023

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Software Engineering, Database Systems, Web Development, Operating Systems.

Distinction in Access to Computing | College

2018 – 2019

Access to computing (1 year full-time, level 3) Uxbridge College, Hayes campus