Sohail Shirzad

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SUMMARY

A results-driven graduate Software Engineer with exceptional problem-solving skills. Have a good understanding of computer science principles and hardware, generating effective algorithms as well as debugging build issues and run-time bugs. Skilled in web development stack including JS, Node.js and MongoDB/SQL. A quick learner with proven ability to collaborate effectively, work with constructive feedback and contribute to development teams to deliver projects on time.

TECHNICAL SKILLS

Programming Languages: C#, Java, JavaScript, TypeScript, HTML, CSS, SQL.

Libraries & Frameworks: Bootstrap, React

Tools & Platforms: Git, GitHub, GitLab, Visual Studio Code, Visual Studio, Microsoft SQL Server Management, Node.js, IntelliJ IDEA, BlueJ, WordPress, Webflow, Figma, Canva.

RELEVANT EXPERIENCE

Web Developer   2020 - Present
Afghan Association of London   London

Developed and designed an interactive web application that is an all-inclusive platform used for various purposes. It has many useful functions. The referral page is one of the most useful features as it allows other agencies and local government to refer their clients directly. Working here has taught me the importance of open communication, teamwork, project management, the software development cycle, and valuing everyone's feedback. Please use this link to see the website: https://afghanassociationlondon.org.uk/

Key achievements

- By developing and designing a new interactive and responsive website, the number of viewers of the organisation's website increased by 80%. Thus, helped them to reach more people and communities. This was measured in an increase in the number of enquiries.
- Transferred the organisation from a paper based system to a cloud-based by communicating with external stakeholders such as Google and Microsoft and managed to get Microsoft 365 Business Premium for the entire organisation's staff and management team for free which normally costs almost £20/month per user. This allowed some of the staff to work remotely and helped the organisation to become more environmentally friendly as they have now became paper lite.

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

Bank Application | *github.com/SohailShirzad/BankApplication*

For my final year project, I built a cross-platform bank web application to allow users to manage all their financial transactions online. For example; create an account, secure login using hash algorithms and Microsoft identity, make a payment, transfer money, edit personal details such as name, email, password, address, display balance, transaction list, card details, and many more using CRUD operations and Microsoft SQL server management to store attributes and entities. This project helped me in terms of project management, time management, prioritising tasks, software development cycle, testing, and debugging. I found debugging extremely useful as it allowed me to locate a part of the code and test it line by line to identify and solve a problem.

Tools/languages: Microsoft Visual Studio, ASP.NET, MVC (Model, View, Controller), Microsoft SQL Server Management, Cloudinary, Figma, Canva, C#, HTML, CSS, and JavaScript.

Please use this link to see my other projects: github.com/SohailShirzad?tab=repositories

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