Basel Akasha

Professional Software Developer

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Personal Statement

I am an experienced software developer who thinks differently and critically. My passion for technology and curiosity led me to learn programming at a young age. Over the few past years, I have been involved in several software projects and I developed the skills that make a professional software developer.

Key Skills

- Highly skilled in full-stack web development technologies (HTML, CSS, SCSS, JavaScript, React, NextJs, Node.js, Python, Django, SQL, ORMs, Docker, Git …).
- Practical understating of the overall software development process (SDLC), project management and agile methodologies.
- Ability to construct clean, readable, and maintainable software.
- Capable of constructing software with Test Driven Development with a good understanding of testing strategies and test automation.
- Well acquainted with web accessibility, and capable of applying accessibility principles to web development.
- Knowledgeable about user Interface design fundamentals and capable of producing easy to use and clean user interfaces.

Work Experience

Software Developer and Co-Founder - Digilynx Limited (Mar 2021 – Present)

At Digilynx, we are keen to help the fitness, health and wellbeing and social prescribing communities in the UK through the use of digital technologies and open data. My role includes understanding the business need. Gathering and managing requirements. Designing the system. Developing and testing the system (TDD). Deploying and maintaining the product (CI/CD, Cloud).

Tech Used: HTML, CSS, SCSS, JS, React, NodeJs, Jest, PostgreSQL, Prisma, Docker, Kubernetes, GraphQL, Open Active and Open Referral APIs, RESTful APIs.

Software Developer and Founder – TechHeart LTD (Aug 2020 – Present)

I have formed this company to provide software development and consultancy services to local businesses. I work with multiple local organizations to support them to strengthen their online presence and help them to reach their target audience.

Web Developer – 24FitDerby C.I.C (Nov 2019 – Dec 2020)

I collaborated with the client to understand their business needs and develop a custom WordPress plugin that enables them to manage their fitness classes and allow users to find classes they can attend.

Tech Used: WordPress, RESTful APIs, jQuery, Bootstrap, Datatables.js.

Volunteer Learning Resources Translator - Raspberry Pi Foundation (Aug 2020 – Apr 2020)

Translating coding learning resources to Arabic. Used online platforms such as Jira and Crowdin.

Education

Derby College

T Level in Digital Production, Design and Development (Sep 2020 – Jul 2022 (Expected))

Awards: Student of The Month Award in October 2020 – T level Digital

350+ hours industry placement with Rolls Royce - Controls Data combined with the classroom theory, this course provides me with real-world knowledge and experience in the software development industry.
Topics Covered: Software Development, Project Management, Security, Data, Cloud, Testing, IT, Networking with software.

BTEC L2 Intermediate Extended Certificate in Information and Creative Technology (Sep 2019 – Jul 2020)

Achieved the highest grade (D*D* - Double Grade Distinction Star)

This course enabled me to gain a broad knowledge of the IT industry and how IT is used in business. During my study at Derby College, I gained work experience through practical industry placements.
Topics Covered: Software Development, Databases Development, Information Systems, Computer Hardware, The online world.

LEXIS Course (Oct 2018 – Jul 2019)

Awards: Student of the academic year 18/19 award in my group.
Achieved a score of 45 out of 48 in my final L2 maths exam.

Subjects: ESOL, Functional Skills Maths, Functional Skills ICT.

Online Courses and Self Study

I am always keen to develop my skills and continuously learn new topics and technologies.

Agile Fundamentals Including Scrum and Kanban - Udemy (Nov 2020 – Dec 2020)

W3Cx: Web Accessibility (Mar 2020 – Apr 2020)

The Linux Foundation LFS101x: Introduction to Linux (Jan 2020 - Feb 2020)

CS50's Introduction to Computer Science, Harvard (May 2019 – Dec 2019)

Microsoft DEV210x: Introduction to C++ (April 2019 - May/2019)

Different Resources Including Udemy, YouTube, Conferences, Documentations, Books (2016 – lifetime)

Hobbies and interests

I like to work with electronics, design circuits and work with a Raspberry Pi and Arduino in my free time. This allows me to improve my logical thinking and see how my code can control physical objects.

References

References are available on request.