JAKE **BAYFORD**
SOFTWARE ENGINEER & WEB DEVELOPER

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EDUCATION

University of Greenwich
BSc (Hons) **Software Engineering** - *1st class*

Haverstock Business & Enterprise College
A Levels: Graphics Design **A**, ICT **B**, English Language **C**

Haverstock Secondary School
10 GCSEs including English, Math & Science grade **A-C**

SKILLS

Languages & Markups
C#, ASP .NET, .NET Core, SQL, T-SQL, HTML, HTML5, CSS, CSS3, JS, Linq, Json, XML, YAML, Powershell

Frameworks
.NET MVC, .NET Web API, .NET Razor Pages, Entity Framework, JQuery, JQuery UI, Bootstrap

IDEs, & Management Software
Visual Studio, Notepad++, IIS, SSMS, Fiddler, Jira, Confluence, MS Office, LastPass, CloudFlare, GoDaddy, GitHub Desktop, Git CLI, GitLab

Principles & Practices
OOP, S.O.L.I.D, SDLC, Software Design Patterns, Dependency Injection / Resolution, RESTful APIs, JWT, OAuth2, Rapid Prototyping, TDD, N-Tier Architecture, Onion Architecture

DevOps
Azure, Virtual Machines, Virtual Machine Scale Sets, Front Door, Application Gateway, Key Vault, Azure Active Directory, Windows Server, Linux, Ubuntu, Backup Vault, App Services, Cloud Shell, Powershell

Version Control
Github, GitLab

ACHIEVEMENTS

During my time at Sports Alliance I have designed, developed, and launched a number of platforms that I'm extremely proud of.

Single Sign On
A robust and scalable centralized authentication platform (*OAuth2*) utilized by 50+ EPL & EFL clubs.

APPs
A powerful **C**ustomer **R**elation **M**anagement system used by our clients to create and manage marketing campaigns.

Booking System
A bespoke booking system that facilitated the booking and management of rental spaces and equipment.

PROFILE

Professional Nerd. Hopeless Trekkie. Passionate Developer.

A motivated and methodical Software Engineer well versed in developing innovative software platforms utilizing cutting edge technology and principles.

Eager to learn new practices and techniques and apply them to deliver highly effective and creative solutions to business and technology challenges. Experience with supervising a small team to rapidly develop and deliver robust software and web applications.

Confident communicator, strategic thinker, and innovative creator to develop software that is customized to meet a company's organizational needs, highlight their core competencies, and further their success.

Seeking a challenging position in a dynamic and exciting environment offering the chance to grow and learn new skills and practices. *Start-up style companies preferred.*

WORK EXPERIENCE

Lead Web Developer / Platform Architect / Azure DevOps
Sports Alliance | March 2017 - Present

- As lead web developer at Sports Alliance I live and breathe code. I am responsible for the underlying architecture of both in-house, B2B, and B2C software and web apps.
- I am responsible for overseeing development work of other team members, leading code reviews and mentoring junior/graduate developers.
- I also wear the DevOps hat! I lead a project to migrate the company's on-prem infrastructure to the cloud (Azure) and then modernize the entire platform utilizing PaaS offerings.

Principal Web Developer / Platform Architect
Sports Alliance | March 2016 - March 2017

- Sports Alliance is a Supporter Marketing Services Provider which aims to assist sports clubs and associations in marketing their products and services more efficiently and therefore more successfully.
- As principal web developer I designed and developed highly performant and scalable platforms that are used by thousands of users daily.

Principal Web Developer
Fantasy League | October 2015 - May 2016

- My role as the principal developer was to design, develop and deploy greenfield projects as well as maintain and extend the company's current infrastructure and software.
- During this period I was fortunate to have developed a wide variety of products utilizing numerous technologies including: web apps, windows desktop apps, services (*apis/soaps/rpc*), and relational SQL databases.

Junior Web Developer
Fantasy League | June 2014 - October 2015

- Working as a junior developer for Fantasy League I was able to improve upon the development knowledge and programming skills I had previously learnt at university.
- My primary role involved maintaining and extending the bespoke CMS that enabled user's to publish reports, news articles and fun tid-bits to the various sites run by us.

REFERENCES

Available upon request.