ALISTAIR SHAW

SENIOR SOFTWARE ENGINEER

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Highly experienced full stack software engineer and architect. Specialized in the design and development of software systems with a focus on web applications, distributed systems, database architecture and domain driven design. Proven ability to write clean and efficient code to meet specific business goals. Excellent business knowledge and communication skills. Skilled and passionate mentor, tech evangelist and training lead.

SKILL HIGHLIGHTS

Go • PHP • JavaScript • Node.js • Java • React • Redux • Angular • Typescript • HTML5 • CSS3 • Laravel • MySQL

SQL Server • MongoDB • ElasticSearch • RabbitMQ • Beanstalkd • Memcached • Redis • AWS • Amazon S3 • Amazon SQS

Jenkins • Bamboo • Vagrant • Docker • REST • APIs • TDD • BDD • Domain Driven Design • MVC • Agile • Waterfall • OOP

EXPERIENCE

SPRINT MEDIA LTD - Tewkesbury, United Kingdom   January 2017 - Present

Chief Technical Officer

- Oversaw hiring and on-boarding to grow the development team by 50%.
- Put into effect a new project management system, allowing us to more efficiently allocate resources, reduce the need for meetings and eliminate costly developer time tracking.
- Introduced a new toolchain and started a transformation to a more scalable microservices architecture in order to prepare for sales expansion into new markets.
- Performed a security audit across physical infrastructure, cloud infrastructure, corporate offices, VPNs and company hardware. Ran a project to implement all recommendations from security experts.

Lead Software Engineer

- Significantly strengthened code quality by implementing best practice code review processes and automated testing; including unit, integration and acceptance tests with Selenium and headless Chrome.
- Overhauled scalability, reliability and uptime of SaaS product (Campus) by splitting the existing monolith into multiple distributed services and optimizing database queries, endpoints and queue consumers.
- Inspired development team to improve skills with a combination of mentoring, training days and improved communications between tech leads and team members.
- Implemented zero downtime policy with multiple data center failover, multi-node database replication, data integrity monitoring and regular backups for fast disaster recovery.
- Orchestrated the refactoring of existing MVC code to leverage domain driven design and SOLID principles while continuing to deliver new features, driving customer growth and retention.

ALISTAIR SHAW CONSULTING LTD - Nottingham, United Kingdom   July 2015 - January 2017

Software Architect

- Engineered a complete SaaS video e-learning and collaboration platform for the medical industry using a distributed services architecture. Created Rest API endpoints to support the development and deployment of multiple marketing and news aggregation platforms for sales and marketing.
- Founded a unique SaaS CRM, e-commerce and marketing automation platform (vendirun.co.uk). Forged partnerships with clients to improve the software based on customer feedback quickly and efficiently. Spearheaded a "zero bugs" initiative designed to increase customer retention and satisfaction.

AMBITIOUS DIGITAL LTD - Nottingham, United Kingdom   **September 2012 - July 2015**

Senior Software Engineer

- Built, trained and mentored a multi-disciplinary team of talented engineers.
- Used excellent communication skills and advanced business knowledge to help secure diverse projects for the company - including an online language learning platform and a warehouse management / stock control system for a large electronics company.
- Architected and led development and release of a highly successful SaaS CRM and marketing product for Sprint Media.

138 SUNGAME - London, United Kingdom   **July 2012 - September 2012**

Lead Software Developer

- Developed and launched the main marketing portal and primary website for the UK debut of the 138 Sungame online gambling portal.
- Unified and led three teams of developers, designers and UX experts across international offices in London, Singapore and Malaysia.

ARIAS UK LTD - London, United Kingdom   **June 2011 - July 2012**

Head of Online Services

- Accelerated and enhanced the delivery of a custom video streaming platform into major customers such as Investec and the Environment Agency.
- Meaningfully reduced developer turnover by mentoring and training. Took responsibility for client interactions, meetings and management on behalf of the team, allowing them to focus on the work.
- Spearheaded diverse projects for major clients including Disney, Expedia and OMD.

FREELANCE CONSULTANT - Marbella, Spain   **June 2009 - June 2011**

Web Consultant

- Delivered on time and under budget websites and web applications for a variety of international clients in industries as diverse as real estate, finance and hospitality.
- Specialized in email marketing systems and relational database design and administration.

OBELISK INTERNATIONAL - Marbella, Spain   **October 2006 - June 2009**

IT Manager

- Implemented an Active Directory network, streamlining the IT department and improving average time to resolution for the sales team from over 2 hours to just 10 minutes.
- Massively optimized the speed and responsiveness of the CRM system by bringing the hosting in-house and optimizing database queries, performing advanced analytics and improving the code base.

Lead Developer

- Enhanced the rapid growth of the company into new sectors by quickly delivering and iterating on new marketing and sales websites for each department.
- Improved the CRM system by forming solid relationships with the sales team and other users in order to gather data about specific issues and requirements.

Web Developer

- Revamped the corporate website and associated landing pages, increasing inquiry conversions and lead generation by almost 200%.
- Designed and built a complex CRM and ERP system, saving the company an estimated 250 man-hours per week. A figure that would rise to 750 man-hours per week in 2007 as the company grew the sales team by a factor of three.