PAUL BURKINSHAW

.NET CORE DEVELOPER

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SUMMARY

Senior .NET CORE DEVELOPER with 13 years' experience in software development. Experience working with public and private sector clients in the construction, utilities, retail, and the oil and gas industry as well as the charity and voluntary sector.
An advocate of TDD with a constant drive for self-development, learning new languages and technologies. Experienced with a wide range of front and backend technology. **Specialized primarily in C# / .Net / JavaScript**.

KEY STRENGHTS

- Comfortable on both the front and backend proven by delivering web applications using modern JavaScript frameworks (Angular) built on top of the latest server side tech (C#/ASP .NET CORE).

- Writes high-quality, well-tested, maintainable code that adheres to software design principles and best practices. Strong knowledge of fundamentals – data structures, algorithmic programming.

- Proficient in refactoring and debugging. Good knowledge of reverse engineering tools and techniques.

- Writes quality documentation, articles, use cases, user stories, and technical specs

TRAINING

| PROFESSIONAL SCRUM MASTER
  scrum.org
  2018

EDUCATION

| BSc Software Engineering (2:1)
  Sheffield University
  2002 — 2005

PROJECTS

| Mopidy-Radio-Pi
  Raspberry Pi audio server
  GitHub: https://github.com/paulburkinshaw

RECENT EXPERIENCE

LEAD .NET DEVELOPER
BP Upstream | 2017 - 2020
Worked in a fast paced **Agile** environment building high profile applications using the latest development, testing and deployment techniques while following Scrum / DevOps practices. Most recently implementing a high scalable high available global application hosted on cloud infrastructure in MS **Azure** using a **Microservice** oriented architecture along with a **C#, .NET Core, SQL Server/Entity Framework, and JavaScript** tech stack.
The resulting application removed inconsistency in volumetric estimates yielding significant cost and time saving for the business.

Key achievements:
- Led the development and adoption of **Angular** to build modern user interfaces that adhered to UX best practices, helping increase user productivity.
- Developed and maintained re-usable components repository which increased velocity on subsequent projects through component re-use.
- Enabled better decision making by automating manual business processes.
- Introduced Definition Of Done. Despite initial internal reluctance to adopt it greatly Improved overall agile team performance.
- Reduced deployment times by setting up **CI/CD** pipelines.
- Increased security of apps by leveraging OAuth 2 / Azure AD / JWT tokens
- Cut down app running costs by leveraging serverless technologies (**Azure Functions**)
- Improved scalability of apps by decomposing applications into separate **Microservices** running in **Docker** containers.

SENIOR .NET DEVELOPER
SIG PLC | 2012 – 2017
Worked in cross-functional Agile team building various Windows and Web applications. Notable achievements include leading the migration of a suite of business-critical eCommerce websites from a legacy platform to cloud infrastructure in MS **Azure.**
This resulted in increased conversion rates as well as a more robust eCommerce platform that leveraged message bus technologies for increased reliability and availability.

Key achievements:
- Successfully led a multi skilled team in delivering a high quality eCommerce platform on time and under budget.
- Switched production deployment environment from local server architecture to cloud platform reducing IT maintenance cost.
- Improved reliability and durability of critical business transactions by leveraging message-based technology including **WCF** and **Azure Service Bus.**
- Conducted software development principles and unit testing trainings for the team team improving overall quality and design awareness.