Keith Marchant

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PROFILE

Software developer, architect, and manager with 14+ years' experience developing web and server applications for multiple industries. Currently focused on helping clients adopt cloud-native solutions while upskilling and growing development teams. Seeking opportunities to assist in the development of event-driven solutions that provide a first-class customer and development experience.

SKILLS

- 4 years' experience managing and mentoring a team of software developers
- 14 years' experience developing full-stack applications using C# and the .NET stack
- Experienced developing with Blazor, MVC, Web API, WCF, WPF, F#, Angular, PowerShell, SQL Server, MySQL, MongoDB, CosmosDB
- Designed, and delivered, event-driven serverless solutions in Azure
- Skilled in Git, TeamCity, GitHub Actions, Azure DevOps, Octopus Deploy, Docker, Kubernetes, Bicep
- Involved in the delivery and management of software projects for multi-country teams
- Experienced in migrating to, and using, the AWS cloud environment
- Strong verbal and written communication skills
- Reliable goal oriented individual with strong work ethic

EXPERIENCE

Azenix **Lead Software Engineer** Sept 2022 – June 2023
Azenix is a .NET & Azure consulting organisation existing as one of the brands offered by the Mantel Group

- Managed project governance and client stakeholders through multiple engagements
- Designed and built event-sourced systems backed by CosmosDB & Azure Functions
- Delivered Azure Accelerate workshops
- Integrated multiple internal & third-party systems into an event-driven architecture to address key compliance requirements for clients

InfoTrack Pty Ltd **Solution Architect** Jan 2021 – Aug 2022
InfoTrack provides a single platform for E-Conveyancing, due diligence, and more; tightly integrated into multiple practice management software solutions.

- Implemented the vision of a shared software platform across three countries
- Responsible for the migration of authentication to IdentityServer 4 & OIDC
- Produced and delivered strategy and training material for worldwide developers
- Architected the replacement of the legacy .NET 4.5 ordering system with a collection of .NET Core microservices and NuGet clients
- Introduced DataDog APM and infrastructure monitoring to track performance and triage issues within the new ordering system

- Transitioned applications from IIS and Rancher hosting to an infrastructure-as-code Kubernetes pipeline

InfoTrack Pty Ltd	**Development Manager**	May 2016 – Dec 2020

- Managed and mentored multiple developers
- Migrated hosting from private cloud to AWS and assisted with the adoption of AWS managed services
- Managed the replacement of synchronous systems with an event driven architecture backed by MassTransit and AmazonMQ

InfoTrack Pty Ltd	**.Net Developer**	Sep 2015 – Apr 2016

- Released new corporate product offerings integrated with ASIC written in Knockout JS and ASP.NET MVC
- Implemented MongoDB document storage for existing XML archives
- Implemented new CI/CD processes and infrastructure worldwide using TeamCity and Octopus Deploy

BlueSun Inc.	**Senior Software Developer**	May 2010 – Aug 2015

BlueSun is a small Canadian company that specialises in providing web software for the life insurance and mutual fund industries via their WealthServ products.

- Developed new products using C#, Java, JavaScript, MVC, & SQL Server
- Managed the WealthServ Insurance product as the lead developer
- Triaged all issues related to the WealthServ Insurance platform
- Converted client data for new client installations
- Supported the sales process for prospective clients

Electronic Arts Canada	**Associate Software Engineer**	May 2009 – Aug 2009

EA Canada is responsible for the development of multiple major sports video game franchises released yearly.

- Employed as part of a work placement through the University of Waterloo
- Assisted in the development of FIFA 10 on Xbox 360 & PS3
- Implemented tool support code in C# and C++/CLI

EDUCATION

University of Waterloo
Bachelor of Computer Science with Honours   Sep 2005 – Apr 2010
Co-op program & Business Option

INTERESTS

- Avid soccer player
- Technology enthusiast
- Runner and cyclist

REFERENCES

Available upon request