ZAC BRADDY

LEAD SOFTWARE ENGINEER

CONTACT DETAILS

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Nationality: Australian
Right to work in the UK: Yes

WHAT I LIKE TO DO

- Spend time with my family
- Play video games
- Play tabletop roleplaying games
- Do fun things with computers

ABOUT ME

Hi there! My name is Zac Braddy, and I am a Lead Software Engineer with about eight years of experience. I'm super jazzed by great tech and awesome architecture. In case you're wondering how much I like doing the things I do with computers, well to put it simply; I'm super obsessed by tech. Put this way; sometimes, I feel like I might be a mutant code monkey sent back from the future.

But it's not just a good tech stack that excites me, when it comes down to it, what really excites me is working with great teams to deliver quality software, on time, to people who can use it to shape our future—and having fun while doing it!

WHAT I DO

SOFTWARE ENGINEERING

My varied experience has seen me working with a lot of different types of tech and engineering software in many different shapes and sizes. It's also allowed me to practice pragmatically delivering software, and this has unlocked my ability to produce software at a high quality and in a timely fashion.

SOFTWARE ARCHITECTURE

I've spent a fair amount of time collecting practices and techniques for building highly scalable, maintainable and extensible software architecture that adheres to SOLID and DDD principles as well as others. I've also learned from experience that architecture is more than just stringing together boxes on a whiteboard in the right order.

MENTORSHIP

I owe a great deal of my success to the people who've invested their time and knowledge in me. I feel strongly that to honour the effort these people have put into helping me succeed, that I must to pay it forward and help the next wave of software engineers to achieve their goals. I love to help developers behind me in this journey to come along with me.

LEADERSHIP

Delivering software projects to the right level of quality and on-time is vital for any business but in startups like ones I've been helping to succeed this is especially true. Through good project management and providing the right level of support and encouragement to the teams I've worked with, I've been able to help lead them towards the best possible results for both the business and individual team members.

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Zac Braddy is the type of developer that companies drool over. He has established himself in the industry as a published author and as the co-host of a software podcast. But what makes him stand apart from others in the industry is that he is a developer who learns quickly, is an excellent communicator, stays involved with the community and has the ability to lead.

- Allen Underwood, Principal Software Engineer, Coding Blocks

Over my first year as a developer, Zac's mentorship and support has been invaluable. Whether he's encouraging me to persevere through any topic I might be struggling with, or celebrating my successes, he approaches every issue with kindness and empathy. He's a fantastic communicator and I feel extremely lucky to have him as a mentor.

- Georgia Shaw, Software Developer, Digital Theatre

SKILLS COLLECTED IN MY ROLES

- Agile
- Azure
- BDD
- C#/.NET
- C4 Modelling
- CQRS
- CircleCI
- DDD
- Docker
- ESLint
- Event-driven systems
- Evolutionary Architecture
- Fitness Functions
- Javascript
- Jest
- Kubernetes
- Leadership
- Linux
- MS SQL Server
- MacOS
- Microfrontends
- Microservices
- Monolithic Architecture
- Moleculer JS
- NUnit
- Node JS
- Pragmatic Programming
- Public Speaking
- Prettier
- Ramda
- React
- Redux
- Rollup
- SASS
- Shape up
- SignalR
- Single Spa
- SOLID
- Storybook
- Styled Components
- Svelte
- Tailwind CSS
- TDD
- Webpack
- Windows

WORK EXPERIENCE

LEAD SOFTWARE ENGINEER

Koodoo Mortgages Limited | Jun 2018 - Present

I spent my time at Koodoo creating and cultivating the software architecture as well as playing a lead role in implementing it. At the same time, the team and I worked to collectively improve our knowledge and skill as we gradually improved the software. The result of this was a system the was "dressed to impress" when it hit the board rooms of our potential customers. We moved quickly at Koodoo, but we took steps to secure our future while we did it.

At Koodoo we built a Node based microservices system with a React microfrontends based app for the front all the trimmings you'd expect from a modern architecture such as that. Including CI/CD, monitoring (both reactive and proactive), data analytics service, etc. etc.

PRINCIPAL DEVELOPER

RightIndem | Apr 2017 - Jun 2018

In this role, I lead a team of 5 developers who were heading up a project whose aim was to greenfield an application using leading-edge technology and it needed to be extensible, maintainable, robust and delivered on time. We chose to build an Event-driven CQRS based system to allow for a sleek and performant system allowing our UX experts to design the best possible experience for the user.

On top of making decisions around the architecture of the system and ensuring the project got delivered on time my role also included several aspects of management including hiring new staff, mentoring and developing current staff and trying to keep team morale and productivity high.

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WORK EXPERIENCE (CONT.)

SENIOR WEB DEVELOPER

RightIndem | Apr 2017 - Jun 2018

E-Days was my first appointment as a Senior Developer, and expectations of me were high. I was told that my front end skills would come in handy as well as my experience with modern development paradigms. E-days had a massive legacy application written in C# using the .NET framework and ASP.NET Webforms. As I'd had experience in both working with web forms and bringing legacy applications into the modern-day, I was of particular interest to E-Days.

During my time at E-Days I wrote PoCs and recommendation documents on overhauling the front end of the application using React and Redux. Also, I suggested that we might start a slow process of migrating the application to Microservices. Both of these involved a vast amount of study and effort done mainly in my own time for the love of learning.

WEB DEVELOPER

Trace One | Mar 2015 - Aug 2016

Although I was hired as a full-stack web developer my duties upon joining and for just under a year were focused heavily in front end development, and I invest heavily in the advancement of my front end skills during my personal development time as well. This appointment happened the middle of the "browser wars" so I learned a lot about the front during this time.

During my time at Trace One I was also first introduced to the concept of microservices and event-driven systems as we began a project to overhaul the current architecture with the latest shiny new technology.
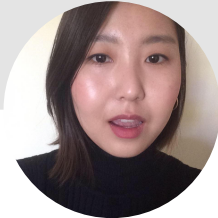
JUNIOR WEB DEVELOPER

The Access Group | Jan 2014 - Mar 2015

As a Web Developer at Access my duties were to develop one of Access' core products called Focalpoint. This involved both new Development work as well as bug fixing and code re-factoring work. Focalpoint also had a number of sister applications that act as bolt-ons or standalone applications in their own right.This was a very important formative role for me in which I was exposed to a wide array varying technologies.

VARIOUS TECHNICAL ROLES

Various Companies | Approx. 2006 - Jan 2014

I've also had several technical roles over the years, including Support Team Leader, Support Engineer and others. While I'm happy to share with you the details of these on request, they don't relate to my development career directly.

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> Zac is passionate, friendly and experienced software developer. Delighted to have worked with him and would love to again.
>
> - Jenny Yang, Graduate Developer

CERTIFICATIONS

BACHELOR OF BUSINESS(ACCOUNTING)/BACHELOR OF COMPUTING(SOFTWARE ENGINEERING)
La Trobe University | 2003 - 2007

MONGODB FOR .NET DEVELOPERS
MongoDB | 2015

MSCD: WEB APPLICATIONS
Microsoft | 2016 - 2018

MCSP: MICROSOFT CERTIFIED PROFESSIONAL
Microsoft | 2016 - 2018

DEVELOPING MICROSOFT AZURE WEB SERVICES
Microsoft | 2016 - 2018

MS: DEVELOPING ASP.NET MVC APPLICATIONS
Microsoft | 2016 - 2018

MS: PROGRAMMING IN C#
Microsoft | 2016 - 2018

CONTENT I'VE CREATED

TABS AND SPACES PODCAST
In this podcast, myself and two other co-hosts spend an hour a month riffing on topics that are common to all developers and give our opinions on them and strategies for dealing with them.

PUBLISHED AUTHOR OF A VIDEO COURSE
Although it was some time ago in the JS space, I've also published a course through Manning on React

CONFERENCE TALKS
Although I don't have a lot of recorded conference talks I do quite enjoy sharing my ideas about development at local developer conferences. I have a recorded conference talk on Youtube from when I spoke at DDD East Midlands

CONFERENCE TALKS
Although writing long-form blog posts can be time-consuming to both write and read; sometimes, they are the best way to convey complex ideas. I like to share my thoughts on Medium although I have been thinking recently of moving to dev.to

PODCAST GUEST APPEARANCES
I've featured as a guest on a number of other people's podcasts as well talking about my thoughts and experience in the software development field

YOUTUBE VIDEOS
I wouldn't call myself a "youtuber" but I've dabbled and had some fun making some videos about Vim disguised as a computer generated cat!

> Having worked with Zac on some informal projects, I can say that he's be an asset to any team if he brings as much enthusiasm and drive to those projects as he does to your team. He is constantly keeping me up to date with the latest developments in both the technologies he uses, and the systems he uses to support them. On top of that, Zac is one of the best positive motivators I have ever met.
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> - Jamie Taylor, Lead Contractor, RJJ Software