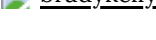


Brady Kelly

Senior Software Engineer



Johannesburg, South Africa +27 60 718 4673 brady691213@outlook.com

Summary

I am a highly experienced and proficient C#/.NET full-stack engineer with 20 years of experience in ASP.NET. I have excellent problem-solving and analysis skills, with above-average design, implementation, and troubleshooting capabilities, with back and front-end tooling.

I am a team player with exceptionally good communications skills, and a strong affinity for technical writing. I like to also engage with stakeholders outside of just the software development arena and learn about the business domains I work in.

A special interest in code quality assurance through the entire SDLC, and the use of automated and other tooling to identify potential code quality issues, set me apart from many other engineers.

Experience

LexisNexis Sep 2022 to Sep 2023
Senior Software Engineer Remote

- Developed new features on a large and complex product that comprises multiple services, micro-services, and micro-frontends, hosted on AWS and Azure cloud infrastructures.
- Maintained and developed Angular components and services for micro-frontend client applications.
- Maintained and developed ASP.NET REST API backend for frontend (BFF) applications, also known as feature peers.
- Conducted complex debugging of Angular client applications that required multiple back and front-end components running simultaneously on production, QA, and local machine environments.
- Administered user stories and work items in Azure DevOps.

Reason for leaving: I wanted to explore roles allowing more freedom in improving the development process.

XI Systems Jul 2018 to Aug 2022
Senior Developer Johannesburg, South Africa

- Designed, developed, and tested web UI and backend using ASP.NET MVC and jQuery.
- Designed and developed Windows Forms UI and backend.
- Designed and developed Oracle and SQL Server databases.

Reason for Leaving: I preferred to find a position where I would be allowed to work from home in an emergency situation, such as temporarily being without transport, and just a little flexibly regarding general office hours.

Qaits Aug 2015 to Mar 2016
Software Developer Johannesburg, South Africa

- Maintenance tasks on a large CRM system developed by Marvel, UK
- Technologies used included ASP.NET Web Forms, JavaScript, HTML, and CSS for design.

Reason for Leaving: I needed more room for skills development and career growth.

Applogix May 2015 to Jun 2015
Freelance Developer Johannesburg, South Africa

- Work on a small, cross-platform system for life assurance quotations on mobile devices
- Technologies used were JavaScript, Angular, and HTML.

Reason for Leaving: It was a temporary, freelance position and I was not longer required.

Self Employed July 2014 to March 2015
Freelance Software Engineer Johannesburg, South Africa

- I developed an advanced information transfer system that gathered messages from a mobile capture service called Canvas and converted them into inputs for a web API for Private Property. This allowed real estate listings captured on Canvas to be integrated into Private Property's Property Search service.

- Technologies I used included a Windows Service written in C#, a WCF service for message retrieval, and a complex mapping system to adapt message content for the Private Property web API.

Reason for Leaving: I had an opportunity for a role with more career growth.

G4S Secure Systems July 2013 to July 2014
Software Developer Centurion, South Africa

- Development of ASP.NET MVC in-house applications.
- Development of a WPF rewrite of the current Delphi application. Extensive use of Prism framework and MVVM architecture.

Reason for Leaving: Needed a position with more technical scope.

Self Employed August 2009 to July 2013
Freelance Software Engineer Johannesburg, South Africa

- Maintenance of ASP.NET intranet application for advertising media house. Extensive use of JavaScript and jQuery.
- Development and maintenance on an ASP.NET call logging intranet application.
- Development of a KPI production reporting application for Nkomati Nickel Mine.

- Development work on various websites using ASP.NET MVC3/4 with Razor, SQL Server 2005/2008/2012 and jQuery.

- Skills most applied were C#, SQL Server 2005, ASP.NET, and JavaScript (jQuery library).

Reason for Leaving: I was not working through and agency and experienced difficulty securing regular and well-paying work.

Chase Software September 2006 to July 2009
Senior Developer Johannesburg, South Africa

Development and maintenance on a successful intranet application for the management of advertising agencies, including the following tasks:

UI design on ASP.NET front-end, using extJS framework for layout and UI processes

- Development of ASP.NET web front-end, using ASP.NET, JavaScript, and extJS framework.
- Troubleshooting and bug fixing on the JavaScript/extJS front-end.
- Design and development of a generic accounting export application, including a WinForms based GUI file format designer.

- Skills most applied were C#, SQL Server 2005, ASP.NET.

Reason for leaving: I was being offered a lot of freelance work and decided to take a break and experiment with freelance work.

FNB Homeloans September 2004 to August 2006
Senior Developer

- Development, maintenance, and support on various gateway systems interfacing with business partners and clients and receiving electronic home loan applications from mortgage originators.
- Extensive troubleshooting, support, and communications with stakeholders.
- Corrective maintenance on a VB6 and ASP messaging interface.
- Extraction of complete technical specifications from existing VB6 interface.

- Re-write of this interface in C#, using COM+ transactions and COM interop with existing VB6 components.
- Development of an automated DTC and FTP transfer application.

Skills most applied were C#, VB6, and SQL Server 2000.

Reason for leaving: I had the opportunity to play a leading role in a startup.

I-Com IT February 2003 to August 2004
Senior Developer Pretoria, South Africa

Design and development of real estate management applications.

Oversight and implementation of large-scale data import, export, and cleansing operations.

Development and maintenance of communications with external systems.

National publication and deployment of applications and data updates.

Participated in OO design team (almost pure UML modelling) for the development of a VB.NET application for a national real estate network.

Development of own supporting tools in C# to ease migration from the client's previous MS Access system to the new one, including several import automations with foreign key updates, and a semi-intelligent address cleaning tool to assist the import of address data.

Extensive troubleshooting of the client's head office MS Access system during the development and rollout of the new system.

Development of automated installation package in C#, including setup and initialisation of MSDE database.

Development of an automated SQL backup transfer application in C# for a private client.

Comcorp Online November 2000 to January 2003
Consultant Developer Johannesburg, South Africa

- Lead developer in the design and implementation of a real estate management system used in over two hundred offices countrywide.

- Lead developer in the design and implementation of electronic home loan application and tracking system used by most mortgage origination companies in South Africa.

- various other development and maintenance tasks.

- This position required extraordinarily strong and highly technical VB6 and SQL Server 2000 skills, ASP, with background XML.
- While at Comcorp I taught myself C# and engaged in several experimental, private projects in C#.

Reason for leaving: I was a consultant commissioned to get the project off the ground and mentor the junior permanent developers. I left because I had fulfilled this brief; the project was live, and the permanent staff were quite competent to continue their own.

Siemens March 1997 to October 2000
Consultant Developer Johannesburg,, South Africa

- Maintenance and development on various SAP applications.
- Maintenance and development on external interfaces to SAP.
- Skills applied were ABAP/4, MS Access, and VB6.
- Achieved SAP Developer Certification with 7 full certifications.

Reason for leaving: I offered a position with a lot more responsibility with the exciting new start-up, Comcorp Online.

South African Air Force April 1988 to December 1996
Radio Technician Pretoria, South Africa

- Maintenance and installation of telephone installations and networks.
- Management and repair of key SAAF radio systems.
- Maintenance of Ethernet LAN equipment and cabling.
- Acquired initial development experience with limited VBA and Clarion applications

Reason for leaving: A career change from telecommunications technician to software developer after completing my Diploma Datametrics at UNISA.

Education

University of South Africa 1994 to 1996
Computer Science and Information Systems Diploma Datametrics

Three year diploma in Computer Science and Information Systems

Skills

C#

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.NET Core

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.NET Framework

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JavaScript

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Angular

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Entity Framework

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Interests

Coding

History

TV Series

Electronics

Certifications

Security Journey: White Belt October 2022

Security Journey

🔗 <https://www.securityjourney.com>

Cloud computing

Azure Essential Training for Developers April 2022

LinkedIn

Cloud Development, Microsoft Azure

React.js Essential Training April 2022

LinkedIn

React.js

C# AND .NET March 2022

TestDone

🔗 <https://www.testdome.com/certificates/01a5154f82e84447aef40212f5e8e9c1>

Windows Communication Foundation (WCF) · Object-Oriented Programming (OOP) · Cloud Computing · .NET Core · Databases · Test-Driven Development · Unit Testing · ASP.NET Core

Project Management: The Basics for Success September 2015

University of California

🔗 <https://coursera.org/share/78b71991f4f620ed8fab1a1602e2428b>

Project Management, Communication, Leadership, Team Management

Languages

English

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Afrikaans

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