

Herman Combrink

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Summary

As a highly skilled Solutions Architect and Senior Software Engineer with extensive experience, I am confident in my ability to design and deliver complex software solutions that meet and exceed business requirements. With a strong background in software development, I have a deep understanding of software design principles, algorithms, data structures, and software engineering best practices.

As a Solutions Architect, I have a proven track record of leading teams and collaborating with stakeholders to deliver scalable and highly available solutions. I have expertise in designing and implementing cloud-based architectures using Microsoft Azure. I am proficient in microservices architecture, and various other architectures to find the best fit for a customer's needs.

As a Senior Software Engineer, I have experience in developing software solutions for a variety of industries, including finance, insurance and telecommunications. I am skilled in multiple programming languages, including C#, Python, and JavaScript, and have experience with modern front-end frameworks such as VueJS and Angular. I have a deep understanding of software development methodologies, including Agile, Scrum, and Kanban, and have experience leading software development teams.

Overall, I am a highly skilled Solutions Architect and Senior Software Engineer with a proven track record of delivering complex software solutions that meet and exceed business requirements. I am passionate about software development and am committed to delivering high-quality solutions that drive business success.

Career History

Cloud Solution Architect at COMS

2019 - Present

I am currently contracted to COMS as a cloud solutions architect specializing in Microsoft Azure. In this role I am responsible for legacy migration and new infrastructure. Part of this is budget control, security compliance and dev-ops.

I also have a coding responsibility where I am active developing on the cloud native solution running in Azure. I currently have 2 intermediate developers, 1 senior developer, 1 senior contract developer and a software tester that I work with as a team on a daily basis.

Data Team Leader at TalkingTech/Illion DTS

2017 - 2019

Started out as a technical lead for the core team, and transitioned into the data team lead where I took responsibility for data availability including all production databases, data compliance and data warehousing and reporting. I had a team varying from 4 to 2 people over the course of my employment.

This included the senior DBA, and data protection officer. Focused on delivering data warehousing solutions and enabling business with self-service business intelligence.

Lead Software Developer at MyBucks

2014 - 2017

Played a key role as part of the development team as a team leader and architect in delivering loan management systems with exposing APIs to 3rd party vendors and delivering web solutions to the business serving 13 different organizational units ranging from South Africa to Spain EU.

- Lead developer role in delivering the automated mobile application in Kenya called Haraka where we used XGBoost decision trees to analyse and predict real-time risk, and Neo4J graph technology to counter fraud. The application used google firebase and other cloud technologies to pay out loans nano loans to mobile wallets every 30 seconds with a 90% on-time collection rate.

Senior Software Engineer at OUTsurance (YOU!)

2012 - 2014

I was focused on delivering mobile applications both internal and the public using PhoneGap on both Android and IOS.

Senior Software Engineer at ISIXTY SOFTWARE

2010 - 2012

Designed and delivered Windows-based solutions for financial, commercial domestic insurance products catering for policy management, re-insurance and claim control.

Software Developer / Owner at Supernatural Technology

2009 - 2010

As a contractor for FinRite mobile insurance. During this time a developed and designed mobile insurance centre software to drive a multi-tenant solution for the company with a strong audit trail to align with industry compliance.

System Integration Engineer / Java Developer at

Africanpulse Mobile Solutions

2007 - 2009

Implementation of IVR and Voicemail server installations within major telco providers within Southern Africa ranging from South Africa, Botswana, Namibia and Mozambique.

Junior Software Developer at 3fifteen

2006 – 2007

Played a part in a development team developing a solution for vehicle financing using C#, SQL and BizTalk

Certifications**Architecting Microsoft Azure Solutions**

Issued Jun 2020

MCSE: Data Management

Issued Jun 2018

Wharescape Red Data Warehousing

Issued Jun 2017

MCSD: Web Development

Issued Jun 2014

Skills

C#, SQL, Angular, .NetCore, Werescape, CSS, JQuery, TypeScript, NoSQL, Redis, MongoDB, MSSQL, Python, NodeJS, Git, Mecurial, Jenkins, TeamCity, PowerShell, Bash, RabbitMQ, .NetFramework, Agile, Scrum, Kanban, SOLID, TDD, OWASP, HTML, Android, Java, OLAP, PowerBI, Team Leadership, Vue.JS, Microsoft Azure, Microsoft Azure Active Directory, Azure Service Bus Administration, Microsoft SQL Server, Golang, Data Warehousing, WhereScape Red, Microsoft Power Business Intelligence, Teamcity Software, Budget Management, DevOps, Design

Education

Diploma Information Technology from Tswane University of Technology
Graduated 2005 with honours