



Joseph Okharedia

Staff Software Engineer

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Let's build great products and a profitable business! I thrive on testing real-world results that deliver impactful solutions through rapid iterations.

Education

B.Sc (Hons) Computer Science

2007 - 2008

University of Zululand

B.Sc Data Communication Technology

2004 - 2006

University of Zululand

Experience

Staff Software Engineer

Feb 2023 - Oct 2024

RepubliK - Berlin, Germany

Helped build the first AI-Powered Social-Fi platform. During my time here, I provided infrastructure and architectural solutions to combat bot attacks. I managed the pressure and costs that come with growing our users from +10K to +1M. I also introduced tests that helped improve confidence, speed and quality in the development of critical backend services.

Key tech: *React, Web3, Node.js, DynamoDB, AWS CDK, AWS Personalize, AWS Lambda, Amazon Opensearch*

Staff Software Engineer

Apr 2021 - Jan 2023

Prosperity - Berlin, Germany

Helped white label Life Insurance products for various clients. As insurance is not the most interesting topic, a major challenge of the business was to make the product more appealing and engaging - "sexy" as we called it. I helped build various initiatives from UI/UX improvements to gamification to A/B testing. I was also heavily involved in refactoring the application architecture to best support testability, experimentation and maintainability.

Key tech: *Capacitor, Apollo GraphQL, Node.js, Postgres, AWS*

Senior Software Engineer

Dec 2019 - Mar 2021

Candis - Berlin, Germany

Helped build a multi-tenant application that simplified invoice management for accounting exports. A major issue we faced was quality and complexity of the existing system, which required a focused effort to improve. I led workshops to address best practices that were hindering effective testing. This brought confidence and speed in releasing software. I also played a key role in simplifying the overall architecture, making it more maintainable. Additionally, I played a key role in hiring the right talent to strengthen the team.

Key tech: *React, Node.js, Terraform, AWS*

Senior Software Engineer

Jun 2019 - Dec 2019

Spark Networks - Berlin, Germany

Spark Networks owns and operates several premium online dating websites and mobile applications. I was part of a new team that built internal tools to simplify building and customizing new dating apps. Additionally, I was involved in projects to migrate legacy systems to modern cloud-based microservices.

Key tech: *Go, gRPC, Node.js, Helm, AWS*

Fullstack Senior Software Engineer

Oct 2018 - May 2019

BMW Group - Munich, Germany

Worked with a team to build an application that tracked repairs for BMW automobiles. The software tracked repairs and provided a knowledge base for professionals to reference past experiences and document new ones, improving repair efficiency and knowledge sharing.

Key tech: *Angular, JavaEE, Postgres, OpenShift*

Senior Software Engineer

Jan 2018 - Sep 2019

Discovery - Johannesburg, South Africa

Built an artificial intelligence chatbot to reduce the load on call centre agents.

Key tech: *Angular, React, Spring Boot, IBM Watson*

Senior Software Engineer

(SIA S.p.A group)

Dec 2016 - Dec 2017

Perago FSE - Johannesburg, South Africa

Helped build and customize central security depositories (CSD) for various countries.

Key tech: *Primefaces, JavaEE, Swift & FIX protocols, OracleDB*

Application Developer

Jan 2011 - Dec 2016

FNB - Johannesburg, South Africa

Helped build the backend services for a Banking app.

Key tech: *JSP, Java, JavaEE, SOAP, MySQL*

CEO (my own company)

Jan 2008 - Dec 2010

Bytech Technologies - Richards Bay, South Africa

Developed websites for various organizations and companies.

Key tech: *HTML/CSS, Javascript, PHP*