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Age: 45

City: Johannesburg

Gender: Male

Ethnicity: Indian

He stands out as a seasoned Full Stack Software Developer and Site Reliability Engineer with an impressive 20 years of experience in the field. His commitment to continuous learning and collaborative problem-solving defines his approach in diverse team settings. Demonstrating proficiency in various technologies and tools, He excels in optimizing processes and workflows, proficiently removing bottlenecks to enhance overall team velocity without compromising quality.

His language agnosticism within the Linux and Mac spaces, coupled with a notable proficiency in .NET, showcases his versatility. With a strong foundation in Java, JavaScript, TypeScript, and Python, as well as a one-year experience in C# (earlier in his career), He is an adept mentor and team leader, bringing valuable insights to development teams. His expertise extends to Site Reliability Engineering, where he thrives as a problem solver, keen on understanding the business context and crafting effective solutions.

Noteworthy applications in his portfolio include financial systems, data processing systems, fleet management for test cars, stock management systems, and more. His experience spans various domains, and he takes pride in delivering high-quality, easily comprehensible, and self-documenting code. His 15-year proficiency in JavaScript, 20-year mastery of HTML/CSS, and adeptness in technologies such as JQuery, Node.js, TypeScript, and Angular further exemplify his capabilities in web and mobile application development.

In addition, He boasts 3 years of experience with SQL Server, 20 years with relational databases, and hands-on familiarity with Azure and AWS. His extensive experience with integrations, utilizing SOAP, RESTful, and API design, underscores his expertise in enterprise development. Furthermore, He is well-versed in Ansible, Docker, and GitLab, contributing to the seamless orchestration of development workflows.

Nova Award: Most innovative project at Rand Merchant Bank

- 2014 - 1st, 3rd.
- 2009 - 1st place.

Projects:

- React Native Mobile App –an application for his wife, to track menstrual bleeding cycle. Used a technology called expo.
- Android Mobile app - A simple counting app, developed over a long weekend.

Work History

Position: Senior Software Development Engineer

Duration: 2022 to Current

Company: Technology sector

- React applications, highly available backends, mentoring, design consultations.
- Responsible for database services, and EC2 services and these services need to communicate to clients, doing upgrades to communicate to services. When clients have to communicate to services, they contact him.
- He is responsible for building front end using React to onboard different templates.
- They can't afford any downtime.

- He does front and back-end development (full stack development) using mostly React, Python, Java and Kotlin, typescript.
- He is responsible for Site Reliability Engineering where he has to check for problems, they use Cloudwatch (Amazon).
- Spearheaded the development of a new React application, facilitating the deprecation of an older organization wide system.
- Designed a new version of able architecture for Event Type maintenance.
- Took the lead in frontend development for an application centralizing the management of AWS service data, while also contributing to backend and infrastructure code.
- Played a pivotal role in mentoring colleagues, guiding them from internship roles to becoming valuable contributors to the team.
- Conducted reviews of organization-wide designs, focusing on simplification, while ensuring alignment with best practices and standards.

Reason for leaving:

- They are very customer focused, he doesn't feel like he is being fully utilized, his strength is coding, teaching people to code and ensuring code is better.

Position: Senior Software Developer & Team Lead

Duration: 2018 to 2022

Company: Automotive sector

- Built an app store, using - React, NodeJS, GraphQL, MongoDB, Redis and Typescript.
- Team leads on a Java / Angular app. AI Building Blocks team.
- Responsible for full stack development, and worked on several different products, using React Front end and Typescript.
- Founding member of the team that established the infrastructure for an app store like platform, which enabled teams to rapidly develop and deploy applications using React and Node.js.
- Developed multiple applications on this platform, collaborating with small teams or working independently alongside a UX professional and business stakeholders.
- Led a team in taking over an existing Materials Requirement Planning system, featuring an Angular frontend, Java EE backend, and Elasticsearch/Postgres data store.
- Independently developed a drag-and-drop web UI, to identify bottlenecks in supplier manufacturing processes.
- Member of the AI building blocks team

Reason for leaving:

- He wanted to work for Amazon and they used to be in Cape Town only then he could work for them in Johannesburg.

Position: Site Reliability Engineer

Duration: 2017 to 2018

Company: Financial services sector

- Part of the Site Reliability Engineering & Architecture Team. Ansible, Docker, GitLab -
- Helping developers with performance issues.
- They had a cloud strategy if they were going to go with Amazon etc., but they had their own home-grown strategy and they used Docker.
- They ensured all infrastructure was working, they had 3 versions of their code up.
- Collaborated as part of a two-person team to establish infrastructure support for departmental teams, simplifying the deployment, configuration, and monitoring of their applications.
- Successfully transitioned teams to GitLab, orchestrating the migration from Jenkins to GitLab CI/CD for enhanced efficiency.
- Setup Ansible playbooks to do everything, from setup of virtual machines to Docker setup and builds, etc.
- Initiated and led discussions across the organization, advocating for a shift from a multiple-branch git strategy to a more streamlined trunk-based approach.
- Actively participated in and contributed to the company-wide weekly DevOps strategy sessions.

Reason for leaving:

- He was headhunted to go to his next company.

Position: Senior Software Developer, Team Lead & Architect

Duration: 2005 to 2017

Company: Company delivering enterprise delivering enterprise solutions

- Worked on various projects for different clients, focusing on the financial services industry.
- Joint winner of a nova award for a project that processed large amounts of data.

- They wrote a Java process which was an amazing project they worked on for RMB, they required reports and had transactions and things to get these numbers, they optimized an application.
- Collaborated as part of a three-person team to design and develop a framework for processing large datasets, exceeding traditional Java EE app memory capacities.
- The system dynamically compiled rules from spreadsheets at runtime, establishing an asynchronous data processing pipeline known as the Functional Data Pipeline.
- This software used Antlr and Java concurrency.
- Advised and contributed to the development of a critical reporting application utilizing the Functional Data Pipeline, resulting in a joint win for the ' Most Innovative Product Award' at Rand Merchant Bank.
- Created a system to track differences between large datasets, implementing it through the Functional Data Pipeline.
- Developed a web-based credit application system using GWT with a Java backend, including assistance with business analysts' requirements.
- Contributed to an investment product at Momentum, involving a JSF frontend and a Websphere backend.
- Implemented a system capturing output from a digital pen-based credit application, alongside a Struts-based UI for pen management.
- Actively participated in and gave talks at local Java User Group (JUG) meetups, and presented on Guava, as well as delivered in-company talks the company.
- Developed a Groovy Script Servlet and IntelliJ plugin to quickly test code on a running server.

Reason for leaving:

- It was a small company, and he wanted a new challenge.

Position: Software Developer

Duration: 2003 to 2005

Company: Telecommunications and Internet services sector

- Developed a system to process stock exchange data C#.
- Maintained a java swing application which displayed livestock prices.
- Independently developed a .NET, C# application for processing stock exchange data, utilizing both UDP and TCP protocols.
- Independently managed the maintenance of a Swing-based Java application, providing real-time display of stock prices.
- Advised fellow developers on best practices, emphasizing code reuse over copy/paste, and actively assisted in implementing their projects.
- Introduced the team to the principles of design patterns and version control, enhancing overall development practices.

Reason for leaving:

- Wanted a new challenge.

Position: Intern Junior Developer

Duration: 2001 to 2003

Company: IT and Software Development sector

- Worked on various financial projects. Used EJB 1 / WebSphere - still have nightmares.
- Used java, JavaScript, ant, tomcat.
- Various financial projects, acquiring expertise in Java, JavaScript, Ant, WebSphere (despite challenging experiences), Tomcat, and the Apache web server.
- Undertook training to enhance presentation skills, effective communication, writing proficiency, and coding abilities.

Reason for leaving:

- New challenge.

Education

Grade 12. Lenasia Muslim School, 1996.

BSC in Computer Science & Applied Mathematics. Wits University, 1999.

BSC Honors in Applied Mathematics. Wits University, 2000.

Courses:

- Execute Program - Functional Programming in Scala.
TypeScript, JavaScript, Python - <https://www.executeprogram.com/courses> - completed all available courses up to December 2023, online from Oct 2017 - Feb 2018.
- Coursera - Functional Programming in Scala.
Completed 4 out of the 5 courses, did all the assignments but never submitted any, online from Oct 2017 - Feb 2018.
- Udemy - Many Courses Started - None completed.
Elastic, Docker, Machine Learning, Typescript, Rust, Haskell, React, Ux, Android, - various soft skill courses - running and golf, online – Ongoing.
- Solms - Software Architecture.
Architectural requirements, design, documentation, analysis, and verification. Johannesburg, 2005.

Top Skillz

Java
JavaScript
Typescript
Groovy
NodeJS
React
Angular
Graphql
Gradle
CDK
AWS
Docker
Kubernetes
SQL
ElasticSearch
MongoDB
Linux
Tomcat
Nginx
Apache
Jboss
WebSphere
Maven
Ant
Guice
Selenium
Geb
Guava
GWT
C#
CSS
JQ
Python
Ruby

Salary

Before Deductions:	R 150 000.00 ctc pm
Salary Expectations:	R 150 000.00 pm (5% - 10%)

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