# JUAN VILJOEN
## SOFTWARE ENGINEER

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## About Me

I am a passionate full-stack engineer with hands-on experience in software development and a strong foundation in cloud computing. Continuously learning new technologies, I strive to build scalable, secure, and reliable solutions. I thrive in collaborative environments and am eager to contribute to innovative teams and drive organizational success.

## Technical Skills

**Languages & Frameworks**: C#/.NET (Proficient), Python (Basic), JavaScript (Proficient), TypeScript (Proficient), MERN Stack (Proficient), Rust (Basic), Flutter (Proficient), SQL (Basic)

**Cloud & DevOps**: AWS (Basic), Firebase (Basic), Docker (Basic), Git (Proficient)

**Soft Skills**: Problem Solving, Strong Communication, Deep Learning

## Experience

### Culture Systems — July 2024 – Present
*Junior Developer* — *Remote*

- Developed a comprehensive business management system tailored for Agri-Manufacturing for client VA Milling.
- Built a solution that streamlines key operations including accounting, sales, production, and logistics, enabling efficient workflow management.
- Integrated the system with QuickBooks API for seamless accounting processes.
- Implemented backend using Rust with a KV store database, ensuring high performance and reliability.
- Developed frontend in Flutter, providing a modern, cross-platform user interface for optimal user experience.

### Kaha — Oct 2023 – June 2024
*Software Engineer Intern* — *Cape Town*

- Developed an external data adapter for Fen-X to integrate Dunn and Bradstreet's Direct+ API.
- Utilized .NET and AWS technologies, including API Gateway, Lambda, and SQS, to enable seamless data exchange.
- Implemented Infrastructure as Code (IaC) using Pulumi for streamlined deployment and management of AWS resources.
- Ensured the solution adhered to asynchronous communication patterns and met all specified requirements.
- Contributed to a Fenergo UI team focused on enhancing the core product, Fen-X, by adding new features to the user interface.
- Leveraged React and TypeScript to implement UI enhancements, ensuring a seamless and intuitive user experience.

### Juan Viljoen Jewellery — 2014 – 2023
*Jewellery Designer* — *Johannesburg*

- Designed original custom engagement rings and other jewellery such as necklaces, bracelets, and earrings in compliance with high company standards.
- Sourced gemstones and precious metals for manufacturing.
- Communicated with customers to ensure their requirements were fully met.
- Assisted customers in selection of jewellery and provided beneficial advice and support.
- Maintained a loyal customer base through exceptional service and quality craftsmanship.

## Education

### Hyperion Dev — 2022 – 2023
*Full Stack Web Development* — *Certificate*

### AWS — 2023
*Certified Cloud Practitioner* — *Certificate*

### Wesvalia High School — 2008 – 2012
*Secondary School Education* — *Klerksdorp*