



ROUAN VAN DER ENDE


Senior Full-Stack Developer

PROFILE

Remote full-stack developer with 10+ years of experience building from idea to product.

No problem too complex, very comfortable handling anything from design, development to deployment.

CONTACT

 [+27 \(0\) 62 933 1183](tel:+270629331183)

 rouan@rouan.dev

 [Mosselbay, Western Cape, South Africa](#)

 linkedin.com/in/rouan

 rouan.dev

 github.com/rvdende

EDUCATION

Matric

2003 Waterkloof

Maths
Computer studies
Technical Drawing
Science
English
Afrikaans

Bachelor of Arts in Visual Communication

2004 - 2007 [Open Window](#)

Interactive Design
3D Animation
Game Design
Photography
Illustration
Visual Communication

EXPERIENCE

Technical 3D VFX Animator

2007 - 2009 [X-Ray Digital Visual Effects](#)

Photoreal visual effects for film and TV. Mostly animation, but also some raytracing, shader, image processing and procedural animation code.

Technical 3D VFX Animator

2009 - 2010 [Masters & Savant](#)

Technical animator for TV. Developed custom render farm software, setup liquid simulations, photoreal light and material simulation. Clients included MTN, Cell C, MTV, First for women insurance.

Co-Founder - Chief Technical Director

2011 - 2013 [Eight Bit Octopus](#)

Built our own successful studio offering video, animation and web development services to the public. Clients included Subaru, SAB, Exxaro, KFC.

Part time Lecturer and Freelance Developer

2014-2018

Part time lecturing at my college (open window), WITS and Greenside Design Center teaching electronics and programming for creatives. Built custom 3D printer and drone hardware + software. Worked on various CNC/CAD, electronics and early blockchain projects. Traveled to London, India and the Garden Route, SA.

Electronics Engineer & Software Developer

2018 - 2022 [IoT.nxt / vodafone](#)

Integrated to various electronic devices for enterprise deployments. Developed various custom prototypes and software solutions to display, route, store IoT data.

Senior Software Engineer

2022-2024 [Vulcan Labs](#)

Worked on upgrading legacy enterprise systems. Built custom 3D web product customization, medical AI data training and analysis tools, video live streaming platform, academy content management system and experimental solana blockchain integration.

Senior Software Developer

2025 Jan - Oct [Linum Labs](#)

Rust backend development for ethereum based blockchain trading system. Focus was API, database queries, documentation generation and development of a public python client library. (Client: [Hibachi](#))

Also worked on rust full-stack frontend + backend system for running automated trades included UI, backend, auth, thirdparty integrations, kafka, websockets and grafana monitoring. (Client: Linum Labs)

Built a solana on-chain program to handle public real-estate group investment. (Client: Avalon)

Founder - Software Electronics Development

2025 - 2026 [netron.dev](#)

Various rust, nextjs, surrealdb software projects. AWS EC2 and S3.

Built [scratchfixpro.co.za](#) a custom e-commerce store for buying paint touchup kits. Integration to payfast payment gateway, courierguy for shipping and resend for emails. nextjs, rust and surrealdb.

Built [moproperty.co.za](#) a custom real estate platform. NextJS + surrealdb.

Developed a custom electronic product for [Design4](#) that measures AC power usage and transmits it over LoRa wireless for long range in dense city multistory environments.