

TIAN VORTSMAN.

Co-founder building production software, mobile apps, and platforms companies run on.

EMAIL hello@tian.vortsman.com TEL/WA +27 60 697 0361 WEB tian.vortsman.com

Software developer and hosting operator. I build multi-tenant business software in PHP and JavaScript, with PostgreSQL, Go, Docker, and Redis — for clients and for my own platform.

01 PRODUCT / STUDIO

Unison · Pulsar (Modular Software)

2023 – present

Founder / lead engineer — Unison (Pulsar product)

Pulsar's multi-tenant Time & Attendance, HR, and invoicing platform — web plus iOS and Android apps I design, ship, and host.

- Unison is Pulsar's multi-tenant Time & Attendance, HR, and invoicing platform — iOS and Android apps shipping alongside the web product. Listed under Pulsar product work, not as an employer.
- WIP: Unison ships iOS and Android apps alongside the web platform.

02 HOSTING & PRODUCTION OPS

I build and operate production hosting — Docker, CI/CD, monitoring — for client and Pulsar products. Commercial hosting engagements go through Pulsar.

- Production hosting for client apps and Pulsar platforms
- Docker-based deploys, Redis where the product needs it, CI/CD pipelines
- Go services alongside the web stack when performance or workers matter
- Linux server setup and ongoing care — I build it, ship it, and keep it running

03 PROJECTS

Kitchen Mafia

Production client platform

Full-stack product engineer — via Pulsar · private

Order management for a food-service operator — admin, company portals, and employee fulfilment in one system the client runs every day.

- Multi-company order management with clean isolation
- Role-based portals for admin, company, and employee
- Order create, detail, and fulfilment workflows
- Excel import for operational data
- Employee queue for day-to-day fulfilment
- Xero invoicing for client billing periods
- iOS and Android mobile apps

INTEGRATIONS Xero: Invoicing — period bills synced for company clients

Unison

2023 – present

Founder / lead — Pulsar product · private · own product

Pulsar's multi-tenant Time & Attendance, HR, and invoicing platform — web plus iOS and Android apps I design, ship, and host.

- Multi-tenant architecture in production since 2023
- Time & Attendance dashboards and clocking flows
- HR modules (leave / employee workflows)
- Invoicing module
- iOS and Android mobile apps
- Hardware device integrations — Hikvision and ZKTeco clocking / access
- Hosted and operated in production — Docker, CI/CD, Redis where needed
- Modular surface — platform, not a single-page tool

INTEGRATIONS Hikvision: Device integration — biometric / camera clocking and access hardware · ZKTeco: Device integration — T&A terminals and access control hardware

Hairstelle

Live production

Full-stack — commerce, booking, payments · live

Studio and mobile hairstyling site with booking and commerce — PayFast checkout, product surfaces, and a UI I'm proud to put in front of clients.

- Commerce and product collections
- Booking / appointment flows
- PayFast payment processing
- Production hosting and ongoing care

INTEGRATIONS PayFast: Payment processing for bookings and commerce

Orania365

Supporting public work

Product / engineering contribution · supporting

Community and business web product for an Afrikaans-speaking audience — supporting proof, not a flagship.

- Production public web UI
- Audience-first localization (Afrikaans product UI)
- English case study for client and recruiter readers
- Supporting placement — does not outrank private flagships

04 EXPERIENCE

Pulsar Digital Solutions (Pty) Ltd

Present

Co-Founder & Director

- Co-founded Pulsar — custom software, hosting & ops, integrations, and mobile apps
- Owns Unison — multi-tenant T&A / HR / invoicing platform with iOS and Android apps
- Delivers production client systems (e.g. Kitchen Mafia) end to end

Uniclox

2023 – 2024

Installations Consultant & Software Integrations

- Client software setup and payroll-system integrations
- Training sessions on product use and best practice
- Technical support, troubleshooting, and system testing

Sentri Systems

2021 – 2023 · Randburg

IT Support Technician

- End-user support for time & attendance systems
- Upgrades, maintenance, and collaboration with HR / payroll / IT
- Built portable facial-recognition devices end to end
- Configured breathalyzers integrated with turnstiles for access control

Easy Carwash

2020 – 2021 · Randburg

Manager

- Daily operations, staff scheduling, and customer service
- Stock control, payroll, payments, and equipment maintenance

BVH (Brits Huide en Velle)

2019 – 2020

Acting Supervisor

- Production oversight, stock control, and staff supervision
- Workflow efficiency on the floor — ops leadership under pressure

HANDS-ON CRAFT Earlier self-employed fabrication and site work (Metalix) sits here as builder context — making things with tools as well as with code.

05 SKILLS

- Multi-tenant business software (portals, roles, workflows)
- Production hosting & Docker deploys (via Pulsar)
- iOS and Android mobile apps
- PHP and JavaScript application development
- PostgreSQL data modelling and queries
- Go services, Redis, and CI/CD pipelines
- Time & attendance / HR / invoicing systems
- Client integrations (Xero, PayFast)
- Hardware device integrations (Hikvision, ZKTeco)

LEARNING Java (Learning as I go) · TypeScript (Learning as I go) · Next.js (Learning as needed) · React (Shipping mobile with React Native)

06	LANGUAGES	07	EDUCATION & COURSES
■	English — Fluent	MS Office — Alison	2016
■	Afrikaans — Fluent	ABC of IT — Alison	2015
		Scratch Programming — Nukleus	2017