Mitch Stroebel

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Software Engineer | Frontend | Backend | TechOps

Work Experience

Intermediate Software Engineer	**Avochoc**	2025 - Present

- Selected to lead the development of a fleet fuel loyalty program for fleet management, oversight, and fuel rebates serving business clients.
- Lead the full rebuild of the CSIR (Council for Scientific and Industrial Research) website with over 300 unique page designs.
- Head of all maintenance projects — including a Maths app for NMU and a learner reading Unity-based app and admin portal.
- Performed an infrastructure analysis of a fuel tanker tracking system and implemented a reliable backup solution to safeguard operational data.

Full-Stack Web Developer	**ACGL**	2016 - 2025

Platforms Manager

- Developed 6 websites and 3 apps from the ground up, growing the platform to 150k+ registered users and 1M+ annual visits.
- Engineered a tournament management system with gamification, wallets, and live chat — scaling to 5k+ tournaments, and 40k+ teams.
- Scaled infrastructure reliability for 5 VPS instances and 2 bare-metal servers, delivering 99% uptime over 3 years.
- Directed 100+ multi-team projects, featuring collaborations with brands such as BMW, Burger King, MTN, Radisson, Red Bull, and Xiaomi.
- Selected to lead the support team, resolving website and tournament tickets for 150k+ users.

ICT Teacher	**Dr. Viljoen Primary School**	2016 – 2018

Piet Retief Primary School

- Overhauled the school network of 60+ devices — modernized 30+ PCs, built 10+ new machines, and installed 5 WiFi access points across campus, improving reliability for staff and students.
- Taught ICT classes from Grade R through Grade 7, educating 1,500+ students over 3 years with a gamified curriculum covering fundamental computer skills and digital literacy.

Education and Certifications

- Microsoft Azure Fundamentals, Cybrary.   2024
- Amazon AWS Cloud Practitioner, Cybrary.   2024
- B.Sc. Informatics, University of South Africa.   2019 – 2023

Awards

- AvoChoc Customer Satisfaction Award   2025
- MTN App of the year – Best Gaming Solution   2018
- FNB Leadership award   2010

Skills

- Languages: PHP, JavaScript, TypeScript, Python, SQL, C++, HTML, CSS.
- Frameworks: React, Angular, Next.js, Laravel, Symfony, NestJS, FastAPI, Astro, Tailwind CSS.
- Databases: MySQL, PostgreSQL, MariaDB, SQLite.
- DevOps & Cloud: AWS, Azure, Docker, Ansible, GitHub Actions, CI/CD Pipelines.
- Tools: Git, GitHub, GitLab, VS Code, PHPUnit, Power BI, Google Analytics.
- Proficiencies: Automation, Project Management, Team Leadership, User Experience, User Interface Design.

Projects

Work projects

- Fleet Fuel App (2025): Team lead on a fleet fuel loyalty program website for fleet management, oversight, and fuel rebates.
- CSIR (2025): Lead the full rebuild of the Council for Scientific and Industrial Research website with over 300 unique page designs and AI text-to-speech and search integrations.
- The Toyota Gaming Engine (2021): Developed a tournament platform for Toyota South Africa that allowed users to sign up and compete in events, and view curated esports videos.
- Colorweis (2019): Created a B2B e-commerce platform for this plant nursery, which included customer accounts, bulk product creation, and order management.
- Curro Esports (2023): Created a school esports platform for Curro private schools group, with full SSO integration.

Freelance work

- Patients VIP (2025): Created AI-powered serverless tools to improve day-to-day productivity. AI was used to generate videos, audio, and automated captions.
- Dr Viljoen (2024): Developed and hosted a student management platform that kept track of student school fees, discounts, bursaries, etc. Reports exports to PDF. Reduced management workloads by 70%.
- Esports Central (2019 - Present): Contracted by this esports blog to optimize their site and manage their hosting, backups and emails. Page load times decreased by 60% and uptime increased to 99%.
- Northglen (2021): Built an informative website that details the services and past work of this local painting and construction company. A tailored theme and images were designed.
- Zumi Africa (2019): Contracted to optimize this African Women's magazine/blog website. Reduced the number of plugins by 70%, and reduced page load times by 30%.
- Academic Medic (2018): Developed a website for this tutoring company for parents to find tutors and for tutors to manage their sessions and payments, reducing overhead management by 40%.

Community work

- Open Learning Group (2017-2018): Taught weekend classes for the Eastern Cape that allowed teachers without any ICT training to get certified.
- Halo South Africa (2015): Built a community website that allowed visitors to create accounts, view their Halo stats through an API, get the latest Halo South Africa news and subscribe to a newsletter.
- Sector 17 Esports (2014): Developed a website for this gaming group that showcased their teams, players, past tournaments and matches as well as their videos, streams and social accounts.

Interests

- Gaming, Homelab, Hiking, Audiobooks and Computers (self-hosting, fixing/upgrading, etc.).