



Dylan Sharp

Technical Support Engineer & Fullstack Engineer

With a repurposed degree in Mechanical Engineering, I have 6+ years of experience building robust and scalable web applications, fixing bugs and helping teams offer better support to their users. I am a firm believer that pineapple belongs on pizza.

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CORE SKILLS

Python

Django

Flask

Javascript

Typescript

React

React Native

Docker

PostgreSQL

Tailwind CSS

AWS



EXPERIENCE

Parenting, Travel & Part-time Startup Ventures Home

03/2024 - Present

Garden Route, South Africa

I'm just coming out of a period of focusing on family responsibilities while simultaneously exploring entrepreneurial opportunities through a few startup ventures. This was partly to allow my wife to focus on her business which she has now sold and I'm super excited to be going back to full-time work.

Achievements/Tasks

- Worked on two different startup ideas.
- Made some money with a self-built arbitrage trading bot/app (see Personal Projects section or my website for more info).
- Helped care for and educate our boys.

Founding Engineer Ewage

01/2023 - 02/2024

Port Elizabeth, South Africa

eWage is a small startup that provides digital payslips and leave management, allowing employees to access their information anytime and anywhere with a data-free service.

Achievements/Tasks

- I was the founding engineer and a director of the company.
- Scratch built the application using tools like React, Preact, Django and PostgreSQL.
- Hosted on AWS EC2 using Docker, along with other tools like S3 and RDS (Postgres).

Software Engineer (Short-term contract) Ghost Foundation

10/2022

Fully Remote

The Ghost Foundation is a non-profit organization that builds open-source publishing software, including the popular Ghost blogging platform.

Achievements/Tasks

- Built a React app to replace a CLI tool that the support team uses to manage users and accounts etc.
- This was a 3-month project-based contract to build an internal tool for the Ghost support team.



EXPERIENCE

Career Break / Sabbatical

Home

03/2021 - 10/2022

South Africa

A period of personal growth and family time, focusing on life outside of professional work.

Achievements/Tasks

- My wife was very ill at the time and bedridden for almost a year so I helped a lot with our son.
- Pursued hobbies and learned new skills such as growing mushrooms, 3D-printing things and building and flying scale RC aeroplanes.
- Built some small side software projects for fun.

Specialist Support Engineer & Software Engineer

Hotjar by ContentSquare

12/2017 - 03/2021

Fully Remote

At Hotjar I spent one year in the product team and then voluntarily moved to the support department to work on internal tools, help solve customer issues and fix bugs.

Achievements/Tasks

- Helped solve top-tier customer issues and bugs.
- Helped improve the efficiency of the support team by building and improving internal tools including a React app, a Chrome extension and a Zendesk integration.
- Communicated with the engineering teams to help them understand the needs of the support team and the customers.
- Acted as interim team-lead of the internal tools team for 4 months.

Fullstack Software Engineer

Stratech

11/2016 - 10/2017

Remote (South Africa Based)

Stratech provides contracted engineering work building fintech related solutions for clients.

Achievements/Tasks

- Lead backend developer on several diverse projects in the fintech space.
- Systems architecture and planning.
- Front end developer on hybrid mobile applications using Ionic.

Junior Software Engineer

Modality Apps

03/2015 - 10/2016

50% Remote (South Africa Based)

Modality Apps develops hybrid mobile applications for businesses. I began my coding journey here and learned on the job.

Achievements/Tasks

- Primary full-stack developer on web apps to provide "back office" interfaces for hybrid mobile apps.
- Managed and set up all the infrastructure (small scale) in AWS.
- This is where I jumped in the deep end and learned how to code on the job.



PERSONAL PROJECTS

Windsock (04/2022 - Present)

- I built a simple mobile app that scrapes relevant weather data and displays it in a convenient format for paragliders and model aeroplane flyers in Port Elizabeth, South Africa.
- I built this because I wanted it for myself and also wanted a project to practice on, hence I rebuild it from time to time.
- Most recently I built it as a React app which I wrapped with Capacitor to build a cross-platform mobile app.

BitSwitch (05/2024 - 08/2024)

- An arbitrage trading bot and platform to help you auto-capture the spread on the USD/ZAR/BTC market.
- The front end dashboard is a react app which I also wrapped as a mobile app using Capacitor.
- The app places and monitors multiple orders across crypto platforms executing them if and when profitable.
- Uses Supabase for collating data and real-time updates, Django with Celery for tasks running in Docker on Fly.io.