

# Dylan Sharp

## Software Engineer

A dynamic Mechanical Engineer turned Software Engineer. I thrive on learning new things and solving challenging problems.

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Port Elizabeth, South Africa 



## WORK EXPERIENCE

### Director, Principal Engineer

Ewage 

01/2023 - Present

Port Elizabeth, South Africa

eWage is a small start-up that provides digital payslips and leave management, allowing employees to access their information anytime and anywhere.

- Founding engineer
- Built and deployed the full stack
- Concept to first paying customer in 2 months
- Built with Python (Django) and React
- Hosted on AWS EC2 using Docker as well as S3 and RDS (Postgres)

### Software Engineer

Ghost Foundation 

10/2022 - 12/2022

100% Remote

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

- Built a React app to replace a CLI tool that the support team uses to manage users and accounts etc
- Worked with the team to build a product they would love to use

### Software Engineer

Hotjar 

12/2017 - 03/2021

100% Remote

Hotjar is a web analytics and feedback platform that helps website owners and UX designers improve their user experience through insights and visuals.

- Full-stack Engineer in product team and internal tools team
- Built on React applications and maintained Rest APIs in Flask
- Lead an engineering team as interim-lead for 4 months
- Mentored more junior engineers
- Promoted to internal title of "Specialist" in my area
- Built and owned areas of product

### Software Engineer

Stratech 

11/2016 - 10/2017

100% Remote

Contracted engineering work building fintech related solutions for clients.

- 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

80% Remote

Hybrid Mobile Apps for Business

- This is where I jumped in the deep end with barely any coding experience and learned on the job
- Primary full-stack developer on simple web apps to provide "back office" interfaces for hybrid mobile apps (Django and Angular 1)
- Managed all the infrastructure in AWS (very small scale)



## SKILLS



## EDUCATION

### BSc Mechanical Engineering

University of Cape Town

01/2008 - 12/2012

Cape Town, South Africa



## PERSONAL PROJECTS

### Windsock Mobile App (11/2022 - Present)

- An Android and iOS app that displays weather data in a user friendly way for model glider and paraglider hobbyists in my area
- Written in React Native
- Available on both the [App Store](#) and [Play Store](#)

### Bitbot Arbitrage Trading Tool (12/2018 - 11/2019)

- A trading tool for arbitraging currency spreads
- Built as a temporary, fast-evolving tool for personal use so it was never meant to be polished
- It was successful, served me very well and allowed me to grow my Python and engineering skills at the time
- [View on github](#)