

## CONTACT

- +27 76 0750827
- mail@henryk.co.za
- https://henryk.co.za
- https://github.com/Henryk91
- https://www.linkedin.com/in/henryk91

## EDUCATION

### Free Code Camp (Online)

- Full-stack Developer Certification
  - Information Security and Quality Assurance
  - APIs and Microservices
  - Data Visualization
  - Front-end Libraries
  - JavaScript Algorithms and Data Structures
  - Responsive Web Design
- Completed Feb 2019

### Udemy (Online)

- 21 Hour Deep Learning with python course
- In progress
- 40 Hour Machine Learning with python course
- Completed Nov 2019
- 19 Hour Complete Penetration testing course
- Completed Oct 2019
- 33 Hour The Full-stack Web Developer
- Completed Dec 2018

### Kapitel Zwei (Berlin, Germany)

- German Language Course level B1
- Completed Aug 2016

### Dive Asia (Phuket, Thailand)

- Padi Open Water Scuba Instructor
- Completed Nov 2010

### High School Overkruin (Pta, South Africa)

- National Senior Certificate
- Completed Nov 2009

# HENRY KOEKEMOER

## Web Developer

A self-taught developer looking for a chance to gain more experience and to learn in a full-stack environment. I have worked on projects ranging from intelligent naming & classification software to voice recognition to mobile applications, back-end servers and databases.

## Experience

### Sensor Networks - Full-stack Mar 2019 - Current

Company profile: B2B Manufacturing of lot smart device (Geyser controller, Alarm controller and Smoke detector) for the insurance and banking industry.

#### - Key Responsibilities

- In charge of front-end development of the insurance/banking facing cms.
- Part of the back-end team, working on task related to front-end needs.
- In charge of development of the hybrid/pwa app for installation of all devices.
- Maintenance of the Sensor Networks wordpress website.

### Self Employed - Freelance Jan 2017 - Mar 2019

Main Projects:

#### - Rhino Assets Hybrid Mobile App

- The client requested a cross platform Hybrid mobile app for fuel supply logging, management and reporting.
- Features include: create, read, update, and delete, of staff, user clearance levels and assets and usage reporting

#### - Electronic Cost (Intelligent Document Processing)

- The project was to modernize law firm billing. It can take between an hour and days to summarise the contents of a legal file, which can have upwards of a thousand pages. The idea was to automate the whole process.
- Steps included OCR, document recognition, data extraction, image recognition and manipulation and data processing.
- The project was a success with files that normally took 2 days to be processed, being completed in hours.

## The Stack I use

**Front-end:** TypeScript, JavaScript, Angular, React, Ionic, PWA, HTML/CSS, Bootstrap, SCSS, D3.js

**Back-end:** Node.js, Express.js, Socket.io, Java, Python, Lamp, Nginx, Keras

**Database:** Mongo, Postgres, MySql

**Deployment:** Heroku, Github, Gitlab, Google Cloud Services, Docker

**Testing:** Chai, Mocha

**Other:** RestAPIs, GraphiQL, Wordpress, Goole Maps Api, Apache Cordova, Git, Adobe XD, Linux, Bash

## Unrelated Past Experience

Before software development I worked in hospitality, mainly Backpacker Management and Scuba Instructing. I will be happy to supply more detail and references upon request.