HENRY KOEKEMOER

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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

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 Iot smart device (Geyser controller, Alarm controller and Smoke detector) for the insurance and banking industry.

- Key Responsabilities

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.