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EDUCATION

Free Code Camp (Online)

- Data Analysis with Python

Completed Apr 2021

- Scientific Computing with Python

Completed Mar 2021

- 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)

- Algorithmic Trading A-Z with Python, Machine Learning & AWS

Completed Jan 2021

- 21 Hour Deep Learning with python course

Completed Dec 2019

- 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

Software 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

Panda - Back-End Apr 2022 - Current

Company profile: JoinPanda is a Mental health app that focuses on making it easier for people to connect with (chat and video call) mental health experts in a way that is as anonymous as the user would like to be.

- Key Responsibilities

In charge of back-end development for all functionality.

Meeting and Planning with business and third parties to create new features.

Implementing devops related needs for JoinPanda.

Sensor Networks - Full-stack Mar 2019 - Apr 2022

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

- Rhino Assets Hybrid Mobile App

The client requested a cross platform Hybrid mobile app for fuel supply logging, management and 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, SCSS, Material

Back-end: Node.js, Django, AWS Lambda, Socket.io, Java, Python, Nginx, Keras

Database: Mongo, Postgres, MySQL

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

Testing: Chai, Mocha, Pytest, Cypress

Other: RestAPIs, GraphQL, Wordpress, Google 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.