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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 DesignCompleted 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

Lingoda

- German Language Course level C1.1
Completed July 2025

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 extensive experience working on a range of projects including intelligent naming and classification software, voice recognition, mobile applications, and back-end servers and databases.

Experience

Rapitag - Full-stack Nov 2023 - Feb 2025

Company profile: IOT platform for the Retail industry in order to simplify and modernise the security tags used in shops.

Key Responsibilities

- Maintaining and implementing new features on the software running on the iot devices in stores.
- Front and backend functionality for the dashboard that configures the iot devices.
- Development of the react admin app native app.

Reverse Resources - Full-stack Sep 2022 - Nov 2023

Company profile: Software-as-a-Service (SaaS) platform for major global fashion brands, their garment suppliers and recycling partners to cooperate on closing the loop for textile production leftovers.

Key Responsibilities

- Front and back end functionality used by both clients and the data analytics team to track and trace waste.
- Implementing DevOps-related needs.

Panda - Back-End Apr 2022 - Sep 2022

Company profile: JoinPanda is a mental health app that focuses on making it easier for people to connect (chat and video call) with mental health experts.

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.

Self Employed - Freelance Jan 2017 - Mar 2019

- Rhino Assets Hybrid Mobile App & Electronic Cost (Smart Document Processing)

A cross platform hybrid mobile app for fuel supply logging, management and reporting. The second project was to modernise law firm billing. Steps included OCR, document recognition, data extraction, image recognition and manipulation and data processing.

The Stack I use

Front-end: TypeScript, JavaScript, Angular, React, ReactNative, Ionic, PWA, Material

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

Database: Mongo, Postgres, MySQL

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

Testing: Chai, Mocha, Pytest, Cypress

Other: RestAPIs, GraphQL, Wordpress, Google Maps Api, Apache Cordova, Git, Adobe XD, Linux, Bash