



Karlos Helton Braga

Software Engineer

Sintra – Lisbon – Portugal

Contacts:

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Email:

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Professional Links:

LinkedIn:

linkedin.com/in/karlos-hbraga

GitHub:

github.com/konkah

Docker Hub:

hub.docker.com/u/konkah

GCP Cloud Skills:

cloudskillsboost.google/konkah

Website:

resume.konkah.com.br

Goal(s)

Software Engineer | Cloud Engineer | DevOps Engineer | Full Stack Developer

Main Skills

Methodology Knowledge:

Clean Code · OOP · API Rest · Automated Test · TDD · Microservices · Git Flow · CI/CD · Agile · SCRUM · Kanban

Web Knowledge:

HTML 5 · CSS 3 · JavaScript · ReactJS · Node.js · Python · Django · FastAPI · C# · .Net Core · GIT · Github · Gitlab · Dart · Flutter · JSON

DB Knowledge:

MySQL · SQL Server · PostgreSQL · MongoDB · AWS – RDS · GCP – Cloud SQL

OS Knowledge:

Linux · Ubuntu · Kubuntu · Windows 7/8.1/10/11 · WSL 2

DevOps | SRE Knowledge:

Github Actions · Docker · Docker Compose · Terraform · AWS · GCP · Kubernetes · Grafana · Prometheus · YAML · Bash · Apache Airflow

Education

Bachelor Degree:

Analysis and Systems Development Feb, 2018 – Dec, 2021

University: Universidade Estadual de São Paulo – **UNICAMP**

Technician:

Computer Networks Jun, 2014 – Dec, 2015

University: Serviço Nacional de Aprendizagem Comercial – **SENAC - São Paulo**

Professional Experience

Senior Mobile Engineer | Senior Full Stack Software Developer

Unicamp

Nov, 2023 – Current

Responsible for the development and maintenance of mobile APP using Dart (Flutter) and Android Studio for Limeira City Hall. Development of Frontend, implementing layout with later adjustments and suggestions. Backend integration with client's online API with JSON. Versioned at Git (Github).

Tech: Dart · Flutter · JSON · External API Integration · Clean Code · OOP · Git · GitHub · Git Flow · Android Studio · Ubuntu · Kubuntu · Windows 11 · ClickUp · Agile · Kanban

Senior Cloud Engineer | Senior Full Stack Software Developer

Closer Consulting

Jun, 2022 – Oct, 2023

Responsible for the development and maintenance of scripts, API's and other types of integration using Python (Vanilla) and its frameworks (FastAPI). In addition to creating development and testing environments (Pytest) in Containers (Docker, Docker Compose) with databases (MySQL, PostgreSQL, Oracle, SQL Server).

Also responsible for Cloud architecture (GCP), using infrastructure as code (Terraform) to manage and automate processes.

Tech: Python · FastAPI · Apache Airflow · Pytest · HTML 5 · CSS 3 · Bootstrap · JavaScript · JSON · API REST · Microservices · Clean Code · Automated Test · TDD · OOP · MySQL · Oracle · PostgreSQL · SQL Server · Git · GitHub · GitHub Actions · GitLab · Docker · Docker Compose · Docker Swarm · Terraform · Kubernetes · Jenkins · Grafana · Bash · YAML · GCP (IAM · Jupyter Notebooks · Load Balance) · CI/CD · Git Flow · VS Code · Linux · Ubuntu · Kubuntu · Windows 11 · WSL 2 · Microsoft Teams · Confluence · Agile · SCRUM · Kanban

Full Stack Software Engineer | DevOps

Diletta / Blinctek

Nov, 2021 – May, 2022

Responsible for developing and maintaining web systems, API's and other types of integration using Python and its frameworks (Django and Django Restframework). As well as creating development and testing environments using Containers (Docker, Docker Compose and Postgresql).

Tech: Python · Django · Django Restframework · HTML 5 · CSS 3 · Bootstrap · JavaScript · ReactJS · JSON · MVT · API REST · Microservices · OOP · PostgreSQL · Git · GitHub · GitHub Actions · Docker · Docker Compose · Bash · YAML · AWS · (EC2 · Load Balance · RDS) · CI/CD · Git Flow · VS Code · Ubuntu · Kubuntu · Jira · Agile · SCRUM · Kanban

Backend Developer | Django (Python) | Laravel (PHP)

Stefanini Group

Jul, 2021 – Oct, 2021

Responsible for the development and maintenance of web systems, using HTML, CSS, JavaScript on the frontend and Python (Django), PHP (Laravel, Wordpress) on the backend. There was also use of Docker, Docker Compose, GCP and use of Jenkins for continuous integration.

Tech: Python · Django · PHP · Laravel · Wordpress · HTML 5 · CSS 3 · Bootstrap · JavaScript · JSON · MVT · API REST · OOP · MySQL · PostgreSQL · Git · GitLab · Docker · Docker Compose · Jenkins · GCP · CI/CD · Git Flow · VS Code · Ubuntu · Kubuntu · Jira · Agile · SCRUM · Kanban

Trainee Dev | SRE | DevOps

Inmetrics S.A.

Apr, 2021 – Jul, 2021

Responsible for creating the Django Rest API (Python) hosted on AWS (EC2, ECS, RDS, Load Balance, VPC, Lambda, IAM, SSH) using Terraform, Docker, Docker Compose and Kubernetes, connecting the framework using Bastion. As well as creating shell script, bash script, yaml configuration files using WSL 2 environment on Windows OS.

Tech: Python · Django · HTML 5 · CSS 3 · JavaScript · JSON · MVT · API REST · OOP · MySQL · Git · GitLab · Github · Bitbucket · Docker · Docker Compose · Terraform · Kubernetes · Bash · YAML · SSH · AWS · GCP · Azure · CI/CD · Git Flow · VS Code · Ubuntu · Kubuntu · Windows 10 · WSL 2 · Jira · Agile · SCRUM · Kanban

Internship Web Developer | Data Analysis

GGTE - UNICAMP

Jan to May – 2021

Responsible for data recovery (MySQL), website link creation (Wordpress, PHP) and data analysis (Superset, Python, MySQL, Docker, Django, PHP).

Tech: Python · Superset · PHP · Wordpress · HTML 5 · CSS 3 · JavaScript · MySQL · PostgreSQL · Git · GitHub · Docker · Bash · VS Code · Ubuntu · Kubuntu

Volunteer Internship Developer

Recod.ai

Sep, 2020 – Jul, 2021

Responsible for AI integration with the website (backend and frontend) using Python (Django), HTML 5, CSS 3 (Bootstrap) and Javascript.

Tech: Python · Django · HTML 5 · CSS 3 · Bootstrap · JavaScript · MVT · MySQL · Git · GitHub · Docker · Bash · VS Code · Ubuntu · Kubuntu

Internship - Developer | Technical Support | Network (IT)

CEPETRO - UNICAMP

May, 2019 to Jan, 2021

Responsible for offering network assistance (DHCP, Structured Cabling), equipment (Mouses, Keyboards, OS) and support for operating systems (Linux, Windows). As well as website development using Python (Django) on the backend and HTML, CSS and JavaScript on the frontend for the Institution.

Tech: Linux · Ubuntu · Kubuntu · Windows 7/10/11 · DHCP · Structured Cabling · Python · Django · Django CMS · HTML · CSS · Bootstrap · JavaScript · MVT · MySQL · Git · Bash · GitHub · VS Code

Volunteering Experience

Attaché - Reception of Delegation

WorldSkills International

Sep, 2015

Reception of the Finnish Delegation in English during the event.

Staff - Reception of Patnerships

Campus Party

Mar, 2015

Reception, service, and accreditation of people.

Certifications

Software Engineer Certificate

HackerRank

Dec 25, 2024

SQL (Intermediate) Certificate

HackerRank

Dec 25, 2024

Getting Started with Google Kubernetes Engine

Google Cloud

Jun 27, 2024

Build Infrastructure with Terraform on Google Cloud

Google Cloud

Jun 4, 2024

Develop your Google Cloud Network

Google Cloud

May 31, 2024

Implement Cloud Security Fundamentals on Google Cloud

Google Cloud

May 26, 2024

Build a Secure Google Cloud Network

Google Cloud

May 24, 2024

Essential Google Cloud Infrastructure: Core Services

Google Cloud	Apr 14, 2024
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Set Up an App Dev Environment on Google Cloud

Google Cloud	Apr 12, 2024
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Essential Google Cloud Infrastructure: Foundation

Google Cloud	Apr 11, 2024
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Implement Load Balancing on Compute Engine

Google Cloud	Apr 2, 2024
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Google Cloud Fundamentals: Core Infrastructure

Google Cloud	Apr 1, 2024
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Certificate: Django and DevOps (178 hours)

Alura	Jul 15, 2021
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PHP Laravel - Basic (24 hours)

EDUCORP – Unicamp	Jul 13, 2020
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Web End-To-End Development with Node.Js and ReactJs (40 hours)

Venturus – Inovação & Tecnologia	Jan 29, 2020
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Web and Mobile Development with JavaScript (47 hours)

Venturus – Inovação & Tecnologia	Jul 28, 2018
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IT Essentials

Cisco Networking Academy	May 24, 2016
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Languages

English: C-1

Portuguese: Native