

Kamran Thomas Alimaghham

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Profile Summary

A Python developer at Host Wise, automating processes and integrating tools via APIs to optimize workflows. I bring a unique blend of experience from embedded systems at Oticon to high-level cloud consulting at Deloitte. My expertise includes Python, Flask, SQL, and REST APIs, with a focus on crafting efficient and scalable solutions.

Experience

Host Wise – Python Developer

Sep 2023 – Present

- Automated manual processes and connected tools through APIs, improving workflow efficiency.
- Leveraged Google Cloud Platform (GCP) and Flask to build scalable solutions.

Deloitte – Technical Consultant, AI & Data

Mar 2021 – Sep 2023

- Built Python-based trade classification platforms with AWS and SQL, reducing operational errors.
- Designed AI tools to streamline client operations and improve decision-making.
- Focused on REST API design and cloud technology integration.

Oticon A/S – Embedded Software Engineer

Jul 2019 – Nov 2020

- Developed algorithms and software for advanced hearing aids using C++.
- Improved system efficiency through innovative signal processing techniques.

Education

M.Sc. Computer Science and Engineering

2018 – 2020

Technical University of Denmark (DTU)

- Focus: Artificial Intelligence (AI), Deep Learning, and Algorithms.
- Projects: Reinforcement learning and multi-agent systems.

B.Sc. Electronics and Computer Engineering

2015 – 2018

Aalborg University, Denmark

- Focus: Distributed Systems, Control Engineering, and NLP.
- Gained experience in high/low-level programming and microprocessor design.

Skills

Programming Languages: Python, C++, SQL

Tools: Google Cloud Platform (GCP), AWS, Flask, Git, Power BI

Soft Skills: Problem-solving, Teamwork, Communication

Certifications

- Google Associate Cloud Engineer

Issued Nov 2022

- Artificial Intelligence Foundations: Machine Learning

Issued Sep 2020

- Liquibase Fundamentals Certification

Issued Apr 2021

Honors & Awards

- Winner, **Oticon Audio Explorers Challenge** *2017*
- Scholarship Recipient, **Summer Programme at ECE Paris** *2017*
- Honorary Mention, **National Congress "Scientists in Action"** *2015*
- First Place, **National "Scientists in Action" Competition** *2014*