

Zakaria Bouzada
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Born in Helsinki 16.9.2001

CURRICULUM VITÆ

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Github: <https://github.com/ZakariaBouzada/>

PROFILE

I am a Computer Engineering graduate and current Master's student at Åbo Akademi University with emphasis on AI and LLMs, software development, cloud computing, and data analytics. Experienced in collaborative projects and eager to apply my technical skills to learn more and solve any challenges ahead. Speaking five languages, with an adaptability of teamwork across various roles. Actively seeking opportunities in cloud infrastructure, data engineering or software engineering.

EDUCATION

Master of Science in Computer Engineering (in progress) - Åbo Akademi University
(Datateknologerna vid Åbo Akademi RF)
Sep 2024-present

Bachelor of Science in Computer Engineering - Åbo Akademi University
(Datateknologerna vid Åbo Akademi RF)
Sep 2021- Jun 2025

- Bachelor Thesis: Digitalisering söder om Sahara (Digitalisation south of Sahara)
- Relevant Courses: Cloud Computing, Software Construction, Machine Learning, Data Analytics etc.

Matriculation Examination – Helsinge Gymnasium, Vantaa
May 2020

TECHNICAL SKILLS

- **Languages & Frameworks:** Python, C, Java, JavaScript, React, Django, Rest APIs, HTML, CSS.
- **Tools & Platforms:** Git & Github, Linux, Docker, MySQL, AWS, MATLAB, PowerBI, Microsoft Azure (VM, Host pool, storage account, Key Vault etc.), Microsoft 365, Entra ID, Defender, CI/CD (Jenkins, GitHub Actions) and API (Postman, Huggle etc.).
- **Concepts:** Artificial Intelligence, Large Language Models, Software Construction, Embedded Systems, Machine Learning, System Architecture, Cloud Computing, Data Analytics, Data Pipeline, Data Lake, SQL,

PROJECTS

Data Pipeline Project

- Built an automatic medallion data pipeline on Microsoft Databricks with Python and SQL that updates NBA stats in real time, categorizing players by scoring and assists.
- Tools: Microsoft Databricks, Python, SQL, PowerBI
Link: <https://zakariabouzada.github.io/projects/databricks-pipeline/databricks-pipeline.html>

Gesture Classification (Arduino Nano 33 BLE Sense) –

- Designed low-power embedded gesture recognition system using TensorFlow Lite Micro to detect rock-paper-scissors gestures with a camera module (OV7670).
- Tools: Arduino, TensorFlow Lite Micro, C++, Python (Google Collab).
Link: <https://github.com/it-teaching-abo-akademi/edge-computing-for-ml-2025-ZakariaBouzada/tree/main/report>

WORK EXPERIENCE

HR Tukku Oy (Transmeri)

Warehouse worker/Packing/Assembly line
08/2024- Present (Freelance work)

- Performed packing, order fulfillment, and assembly line tasks in a fast-paced warehouse environment
- Ensured accuracy, quality control, and timely handling of goods
- Supported daily logistics operations with flexibility and efficiency

Svops Oy (Fölläri)

Maintenance of city bike system/Van Driver/Customer Service/Bicycle Repair
6/2022-10/2022, 9/2023-12/2023 and 9/2024-12/2024

- Maintained and serviced city bikes to ensure safety and availability
- Transported bicycles and equipment between service locations
- Provided customer support and resolved user-reported issues
- Performed mechanical repairs and routine maintenance

Bolt. Works Oy (SE Mäkinen)

Vehicle Import Inspector/Driver
5/2023-8/2023

- Inspected imported vehicles for quality, compliance, and documentation accuracy
- Drove and handled vehicles safely during inspection and logistics operations
- Reported findings clearly and followed standardized inspection procedures

HOK-Elanto (ABC Car Wash)

Customer Service
17.5-1.8/2021

Kotikatu OY

Property Caretaker
3.6-12.7/2019 and 1.6-3.7/2020

MILITARY SERVICE

Medical Corps - Uudenmaan Prikaati
6.7.2020-17.3.2021

RECOMMENDERS

Osazee Agbonogieva - +358 40 569 0839 – Transmeri, supervisor
Mika Pellinen - +358 46 878 7639 - mika.pellinen@se-makinen.fi: SE Mäkinen, supervisor
Aleksanteri Repo - +358 40 0757150 - aleksanteri.repo@gmail.com: Svops Oy, supervisor

LANGUAGE SKILLS

Swedish	Native Language
Finnish	Excellent
English	Excellent
Arabic	Good
French	Good

HOBBIES

Judo, Gym, Basketball.