

CHRISTOFOROS LAPATHIOTIS

[LinkedIn](#) | [+31 634277145](#) | [Portfolio](#) | clapathiotis@gmail.com | [GitHub](#)

- **2+ years** working experience with leaders **Philips & Rabobank**
- **DevOps Engineer at Rabobank**
- Bachelor of Computer Science & Engineering (**Technology University of Eindhoven** 2021)
- **EU Citizen & EU passport**

Experience

10/2023 - Present

Rabobank, Netherlands
DevOps Engineer

- Based in Financial Economic Crime Department - worked for Data and Analytics & Digital Platform (Mobile App) departments
- Developing and maintaining platforms for internal analysts (**Pega, Python, API responses**)
- Part of the restructure of GDPR transaction filter, allowing 3x more grey zone transactions to be better categorized (**Python, PySpark, databricks**)
- Achieved a lower score of mislabeling sensitive transactions of 0.11% from 2.6% using data engineering and Machine Learning principles like Naive Bayes classification
- Test Automation specialist creating test suite from scratch and automating production releases with Azure Pipelines (**Robotframework**)
- Developed a Maturity Scoring mobile app from scratch for Farmers in Africa – responsible for Frontend (**Flutter, JSON, Dart**)
- Frontend Developer for Business Banking App - Transaction & Account Overview features (**Java, TypeScript, Spring Boot, Angular**)
- Hackathon winning idea became independent project for the bank saving ~5000hours/year for analysts (translating into ~ €110.000/year)

04/2023 – 07/2023

Philips, Netherlands
Software Engineer – Project based

- Team lead for development of a tool to be used on Philips MRI machines
- Integrating Concolic, Mutating, and Fuzzing testing techniques on C/C++ files
- Engineered utilizing **Python & Docker** (Primary libraries: clang, KLEE)
- Collaborated in a cross-functional team and helped organize the plan of development
- Contributed to **CI/CD** pipeline implementation
- **Top 6.8%** of colleagues achieving personal bonus point +1/10 (only 9/132 students achieved this bonus)

02/2023 – 07/2023

Eindhoven University of Technology, Netherlands
Assistant in WebTech + HTI & App Development

- Responsible for 5 groups of ~7 students each, for guiding and assisting them in their App development and WebTech + HTI courses, all delivering MVPs aligned with the academic and usability requirements
- Acting as a stakeholder and solutions architect for my teams, with positive feedback from course evaluators
- Oversaw project planning and execution, offering strategic and technical mentorship throughout development cycles

07/2019 – 09/2020

Cyprus National Guard

14 months of military service completed across Cyprus

07/2019 – 09/2020

PWC, Cyprus
IT Intern

07/2018 – 08/2018

Wargaming, Cyprus
Research Intern

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Education

08/2020 – 07/2023

Eindhoven University of Technology, Netherlands
Computer Science & Engineering

- Modules covered: DATA STRUCTURES, COMPUTER SYSTEMS, AUTOMATA, DATA MINING & MACHINE LEARNING, COMPUTER NETWORK & SECURITY, LAB ON OFFENSIVE COMPUTER SECURITY, LINEAR ALGEBRA, CALCULUS, OPERATING SYSTEMS, PROBABILITY & STATISTICS, ALGEBRA FOR SECURITY, DATA-INTENSIVE SYSTEMS & APPLICATIONS, RESPONSIBLE DATA SCIENCE, VISUALIZATION, ALGORITHMS
- Specialization Tracks: **Security, Data Science**
- **Top 6%** of students receiving full accreditation during Software End Project.
- **Final Project Grade: 9.5 / 10**

08/2016 – 08/2019

Kykkos A, Cyprus
Lyceum Apolytirio

- Graduated with distinction: **18.9 / 20**
- **A-levels: Computer Science (A), Mathematics (A)**

Skills

Frontend

- **App Development:** Java | Kotlin | Flutter | Dart | Firebase (authentication)
- **Web Development:** Angular TypeScript | JavaScript | HTML | SCSS

Backend

- **Languages & Frameworks:** Python | Java | Spring Boot
- **Databases & Services:** Firebase | Firestore | PostgreSQL | MongoDB
- **Tools & Infrastructure:** Docker | Gradle | Maven

Data & Processing

- Python | Databricks | PySpark | Apache Spark | Apache Hadoop | SQL | YAML | CSV | XML | JSON

Versioning & Pipelines(CI/CD)

- Git | GitLab | Azure DevOps | PDM

Languages: Greek - Native | English - Professional Proficiency | German – Intermediate | Dutch - Beginner

Special Projects

- [lapathiotis.dev](#): Personal website about myself and my projects (**TypeScript/HTML/SCSS/Angular/Spring Boot**) [[Link](#)]
- [ConSEPT](#): Partnered with [Philips](#), for an automatic testing tool of 3 kinds of testing (**Python/C++ 07/2023**) [[Link](#)]
- [SleepSmarter](#): Designed a mobile app using real-time wristband data to empower medical professionals and families in monitoring elderly health, proactively addressing sleep disorders (**Java/Kotlin 01/2023**) [[Link](#)]
- [LosPapires](#): Engineered network attack tool (ARP/DNS spoofing) for advanced security project (**Python, 07/2022**) [[Link](#)]
- [UK Road Accidents](#): Generated UK accident visuals, with end goal of road accident reduction (**Python 02/2022**) [[Link](#)]

Academic & Other Accomplishments

- 1st Place internal Hackathon @ Rabobank – Automating process of Basic Data Validation, Utrecht – Netherlands
- Software Engineering Project (ConSEPT): Grade of **9.5/10**, Eindhoven – Netherlands
- 3rd Place at 2nd Open Data Hackathon, Limassol - Cyprus
- 20th Place at Cyprus Cyber Security Challenge (CCSC), Nicosia – Cyprus

Certificates

- Pega Certified System Architect ([Link](#)), AWS Cloud Practitioner Essentials Certificate of Completion
- Scrum Master PSM-II ([Link](#)), Agile Yellow Lean Belt
- ECDL, IELTS