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 from 2.6% to 0.11%** 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

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 | **The National Guard,** Cyprus
14 months military service completed

08/2018 – 09/2018 | **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 BSc 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**
- **Ranked in the top 6%** of students, earning full accreditation for the Software End Project (9 students out of 132)
- **Final Project Grade: 9.5 / 10**

08/2020 – 07/2023	**Kykkos A,** Cyprus Lyceum Apolytirion

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

Skills

Frontend: Java | Kotlin | Flutter | Dart | Firebase (authentication) **|** Angular | TypeScript | JavaScript | HTML | SCSS
Backend: Python | Java | Spring Boot | Firebase | Firestore | PostgreSQL | MongoDB
Infrastructure & Tools: Docker | Gradle | Maven | Git | GitLab | Azure DevOps | PDM
Data & Processing: Python | Databricks | PySpark | Apache Spark | Hadoop | SQL | JSON | XML | YAML | CSV
Languages: Greek (Native) | English (Professional) | 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, 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
- 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

Hobbies

- Traveler: Unlocked 15% of the map (30 / 195 countries) – Backpacked 29 days for 17 countries in total
- Endurance fanatic: Half-Marathon completed under 2 hours
- Padel | Ping-pong | Badminton