Anastasiadis Loukas

Contact Information

Website:
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loukasanastasiades@gmail.com

Location: Thessaloniki, Greece

Phone number:
+30

Languages

Greek:
Native language

English:
Proficiency (C2)

German:
Basic knowledge (A1)

Spanish:
Basic knowledge (A1)

Military Service

Electronic Warfare Systems Operator
(15/11/21 – 15/08/22)
Completed

Volunteering

Substitute leader to the Scouts team
(2011 – 2013)

Interests and Hobbies

Fitness – strength training
Puzzle games
Story – driven TV series

Summary

IoT Developer skilled in designing event-driven architectures using AWS services like Lambda, IoT Core, API Gateway, DynamoDB, Kinesis, Redshift, S3, and CloudFormation. Proficient in Python and JavaScript, with strong expertise in automating infrastructure using SAM and Git. Certified AWS Cloud Practitioner and Google Cloud Digital Leader, dedicated to delivering high-quality, reliable cloud solutions.

Work Experience

IoT & Cloud Backend Developer
Deloitte – Thessaloniki | 15/09/2023 – Present

- Developed event-driven AWS Lambda functions triggered by EventBridge to fetch, fragment, and store data in DynamoDB; implemented Global Secondary Indexes and transactions to optimize performance and data integrity.
- Designed and maintained 40+ RESTful APIs with API Gateway and Lambda, including request/response models, mapping templates, authorizers, and IAM permissions.
- Automated infrastructure provisioning and management with AWS CloudFormation, covering EC2, EBS, VPC, security groups, OpenSearch, Lambda Layers, API Gateway, CloudFront, S3, IAM roles, Kinesis, Glue, and monitoring tools.
- Managed IoT device lifecycle and security using AWS SDKs, handling device grouping, SSL certificate installation, device shadow updates, and over-the-air firmware deployments.
- Executed data extraction and transformation from Amazon Athena and Redshift via Lambda for backend processing and frontend integration.
- Utilized Git for version control and AWS SAM for serverless application development and deployment automation.
- Monitored application performance and reliability with CloudWatch metrics, logs, alarms, and collaborated cross-functionally to deliver scalable technical solutions.

Customer Care Services in the English language
Teleperformance – Remote | 06/07/2023 – 13/09/2023

- Provided roadside assistance and customer service for Mercedes-Benz UK clients, ensuring high-quality support under pressure.

Skills

Technical Skills

Amazon Web Services, IaC, Python, JavaScript, SQL, C/C++, Java, HTML, CSS, Pandas, NumPy, Scikit learn, Matplotlib, Seaborn, Power BI, Jupyter, Git/GitHub, VScode, PyCharm.

Soft Skills

Empathy, Perseverance, Communication, Patience, Consistency, Strong work ethic, Critical Thinking, Intuition, Adaptability, Decisiveness, Determination, Productivity under pressure of tight deadlines.

Personal Projects

Discord Bot for flexible learning (in Python)
With **SQLite**-based user/server database, email authentication, and smart agent for team collaboration. Features include automated test creation/grading, keyword-triggered questions, and detailed answer statistics. Extra tools: Role assignment via reactions, profanity filter, personal reminders. (Thesis - Πτυχιακή) (Github-link)

Desktop app with Python (Tkinter)
Converts old .doc reports to formatted .docx files. Designed for military use, automating daily report creation and saving significant time (~20 minutes per report)

Education

Degree in Informatics: Aristotle University of Thessaloniki
Specialization field: Information Systems

Further Education

Date	Certification
(In progress)	AWS Solutions Architect
12/11/24	AWS Cloud Practitioner
06/11/24	Google Cloud Digital Leader
28/12/23	IBM Data Science Specialization
10/03/23	Google IT Support Specialization
10/01/23	Microsoft Power BI Desktop for Business Intelligence
29/12/22	Google Data Analytics Specialization
17/11/22	Python for Data Science and Machine Learning Bootcamp