Engineer Alexandru Lupușoru

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Address: Iasi, Romania

WORK (4+ Years of experience):

MassMutual - AWS, NodeJS, Typescript and Angular [2024 February – present]

Responsibilities: **Develop** and architecture an **Identity and Access Management** module

- Develop the identity module for a microservice Saas solution from scratch
- Plan the architecture, learn about different IdPs and integrate **Auth0** with **Okta** to enable authentication through **OIDC and SAML**

- Define a structure for permissions and a way to evaluate them through **Open Policy Agent**

- Build APIs and services needed to interact with data (users, user-groups, permissions, policies)

Used Services: Lambda, API Gateway, RDS, ElastiCache, CDK, Angular, Typescript, Angular, Jest, **Gitlab CI/CD**, Github Co-Pilot, **Auth0, Okta, Open Policy Agent,** Go, SST, SAM

Levi9 - AWS, NodeJS, Typescript and Angular [2021 – 2024 January]

Responsibilities: **Develop,** refactor and maintain a distributed, serverless project

- Develop maintainable and scalable clean solutions fitted for customer needs
- Integrate with internal and external teams
- Develop Infrastructure to serve deployment needs
- Make architectural decisions in regards to project evolution

Used Services: SNS, SQS, S3, CDK, SDK, Kinesis Data Streams, Lambda, API Gateway, DynamoDB, ElastiCache, Serverless Framework, Angular, Typescript, Angular, Jest, Gitlab Pipelines, Docker

Also worked on personal projects: with Serverless on Node16 available at https://boardgamesevents.com

Used Services: Github Actions, Cognito, Cloudfront, S3, React, react-query, WebSockets with Serverless Architecture

ACADEMIC WORK, CERTIFICATIONS AND EDUCATION:

2023: **AWS CERTIFIED DEVELOPER ASSOCIATE https://shorturl.at/AMTY7**

2023: **FII Practic 2023 Trainer** - for 5 weeks, every weekend, I taught a group of students from FII Iasi about Cloud Development

2018 – 2022: Bachelor's Degree, Faculty of Automatic Control and Computer Science Iași – Information Technology (Software Oriented)

Colegiul National "Mihai Eminescu" Iași – STEM French Bilingual