Andrei **Terecoasă**

SENIOR FULL STACK SOFTWARE ENGINEER

I'm an experienced software engineer with a passion for developing innovative solutions to complex problems, with a strong background in software development and expertise in various programming languages and frameworks,

I have consistently delivered outstanding results on a variety of projects. I am dedicated to continuous learning, a collaborative approach and always striving to ensure successful outcomes for all the team members and stakeholders.

CONTACT

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EDUCATION

2018
Master's Degree
University "Politehnica" of Bucharest

2016
Bachelor's Degree
University "Politehnica" of Bucharest

EXPERTISE

- VueJS 2/3
- SQL / NoSQL
- REST APIs
- NodeJS / Express / Fastify
- Python / FastAPI / PySpark
- AWS / Azure
- HTML/CSS/JavaScript
- Docker / Kubernetes / OpenShift
- System Integration
- MLOps

LANGUAGES

English

Romanian

Experience

2017 - Present
IBM, Bucharest

Senior Software Development Engineer

Global Chat Bot Project
- Architecture / Design / Implementation for a Siemens AG on a a one-of-a-kind AI-based virtual agent
- that innovates employee support (public reference)
- Lead the team migrating from AngularJS to VueJS
- Vue, AngularJS, NodeJS, MongoDB, IBM Cloud
- Integration Testing

Content Intelligence Platform
- Designed and developed multiple Python-based plug-n-play microservices utilized in an orchestration pipeline for efficient document processing.
- Implemented a robust CI/CD strategy in OpenShift environments
- Maintained a deep understanding of the latest technologies and trends in the field to ensure optimal performance and functionality.

Data Science Project on AWS
- Migrating from KEDRO pipelines to AWS services, enabling more efficient data processing and analysis.
- Conducting feature engineering refactoring using Python and PySpark, targeting improved accuracy and performance

UI Library and Data Science Dashboard Development for the Oil Industry
- Designed and developed data science dashboards for the oil industry using ReactJS, VueJS, NodeJS, Python, and Azure.
- Created a reusable UI component library to improve development efficiency.
- Implemented effective architecture for data visualization and analysis.

2016 - 2017
Luxoft, Bucharest

Javascript Developer

- Collaborated with a team to internationalize a networking device management application composed of various smaller parts written in different programming languages and frameworks.
- Built a tool through an extension to the SublimeText editor that helped the team extract strings, replace them with library-specific calls for i18n, and save the matches into the database.
- Utilized APIs written in NodeJS and scheduled translation jobs to save time, allowing the team to invest more effort in testing and refining the product.

2015 - 2016
NXP, formerly Freescale, Bucharest

Javascript Developer

- As a member of the Q&A department, I was tasked with addressing small UI fixes in a Bootstrap+jQuery environment for an internal system. However, upon closer inspection, I determined that a complete refactoring and upgrade of the frontend to the latest library versions was necessary. Additionally, I developed new features in the PHP backend.
- I also co-owned the deployment environment's setup, which included migrating from a Windows machine to a Linux-based system.