Mahdi Yahia

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My GitHub Profile: https://github.com/MahdiYahia • Personal Website: www.mahdiyahia.com

Education

Budapest University of Technology and Economics   Budapest, 2024
Bsc, Computer Science Engineering

Experience

Knorr-Bremse R&D Center   May 2023 - Present
  DevOps Developer Trainee
- Developed tools to support the software architecture design.
- Worked on automating a unit test execution and result evaluation framework for safety-critical embedded software.

Tech Mahindra   January 2022 - March 2023
  Associate Data Annotator
- Worked closely with machine learning, providing data needed to improve the Google Virtual Assistant's language understanding capabilities.
- Identified and made sense of language patterns.

Certifications

AWS Certified Cloud Practitioner   February 2023
- Offers a fundamental understanding of IT services and their uses in the AWS Cloud.
- Knowledge of core AWS services and use cases, billing and pricing models, security concepts, and how cloud impacts your business.

Projects

The Cloud Resume Challenge(GitHub Repositories: Back-end, Front-end .**)**
- Created a website front end using HTML, CSS, and JavaScript and deployed a static website in S3 Buckets, pointed to them using DNS domain name and used SSL/TLS certificate.
- Worked with DynamoDB and AWS Lambda using python and created RestAPI using API Gateway to communicate with the back end.
- Provisioned the infrastructure as Infrastructure as Code using AWS SAM.
- Wrote test cases and automated the testing and deployment using CloudFormation and GitHub Actions and created CI/CD pipeline to automate the front-end deployment.

Technical Skills

Programming: C, C++, C#, Java, Python   **Databases:** SQL, MSSQL
Reporting: Power BI   **Containerization:** Docker
Mobile and Web Development: Android Studio, Kotlin, JavaScript, HTML, CSS, Bootstrap

Languages

English: Full Professional Proficiency   **French:** Full Professional Proficiency
Arabic: Native Proficiency   **German:** Elementary Proficiency