Livadariu Alexandru

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EDUCATION

Universitatea De Vest   Timisoara
Bachelor in Computer Science   *2020 – 2023*

EXPERIENCE

Eviden - Azure DevOps Engineer   November 2022 – Present

- Infrastructure Development: Designed and implemented scalable Azure infrastructure solutions, including virtual machines, virtual networks, and storage accounts, leading to system reliability and performance for development and production environments.

- DevOps Pipeline Automation: Automated the build, release, and deployment pipelines using Azure DevOps Services, enabling continuous integration and continuous delivery (CI/CD) to streamline development workflows.

- Networking and Security: Configured and optimized Azure Virtual Networks (VNets) and Subnets for secure and efficient communication between cloud resources. Implemented Network Security Groups (NSGs) and Azure Firewall to enforce robust network security policies and ensure protection against unauthorized access.

- Operating Systems Management: Managed and maintained both Windows and Linux-based virtual machines, handling OS installation, configuration, patching, and troubleshooting to ensure high availability and reliability of development and production environments.

- Automation and Scripting: Developed and optimized PowerShell scripts, Azure Automation runbooks, and ARM templates to automate infrastructure provisioning, management, and routine administrative tasks, improving operational efficiency and reducing manual intervention.

PERSONAL PROJECTS

Decentralized Healthcare Management Application | *HyperLedger Fabric, Go,JS, React ,Docker*   June 2023
- Blockchain Integration: Utilized Hyperledger Fabric to establish a secure and immutable ledger for storing sensitive patient data, ensuring data integrity and transparency while maintaining confidentiality.
- Role-Based Access Control: Implemented role-based access control (RBAC) to restrict user access, allowing patients to view only their data while enabling doctors to add, delete, and view medical records.
- User-Friendly Interface: Designed a responsive and intuitive user interface using React, providing a seamless experience for patients, doctors, and administrators accessing the application through the web interface.

Quizzy Application | *PHP , Twig ,Tailwind,MYSQL,MVC pattern*   May 2023
- Designed and implemented a comprehensive Quiz App for University
- Implemented course navigation features allowing students to browse, select, and progress through courses, including interactive reading materials and quizzes for assessment.
- Incorporated a leader board to track top-performing students based on quiz scores, encouraging engagement and healthy competition within the university community.
- Built an admin panel for easy content management, enabling educators to add quizzes and courses dynamically to the platform.

TECHNICAL SKILLS

Languages: Python, GO, JavaScript, PHP, C/C++, SQL

Frameworks: React, Flask, Tailwind, Node.js, Material-UI

Developer Tools: Git,Postman,Figma, VS Code, Visual Studio, PyCharm

DevOps & Cloud: Terraform , Docker, Kubernetes, Azure, AWS, Jenkins,Prometheus

CERTIFICATIONS

CCNA: Introduction To Networks	**Microsoft : Azure Administrator Associate**
Microsoft : Azure Developer Associate	**Microsoft : Azure Fundamentals**