Tamim Hmizi

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Professional Summary

Full Stack Software Engineer with a focus on Cloud, DevOps, and Web. I design scalable and secure systems, automate complex processes, and deliver reliable digital solutions that drive efficiency and growth.

Core Skills

Cloud Platforms: AWS (EC2, EKS, ECR, ECS, Lambda, S3, IAM, CloudWatch, DynamoDB, VPC, Route53), Azure (VMs, AKS, Container Registry, Functions, Storage, AD), GCP (GKE, Cloud Run, Cloud Storage, IAM), OpenStack, DigitalOcean

DevOps & Automation: Docker, Kubernetes, Helm, Terraform, Ansible, Jenkins, GitHub Actions, GitLab CI, CI/CD Pipelines, Infrastructure as Code (IaC), Container Orchestration, Service Mesh

Monitoring & Observability: Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana), CloudWatch, APM Tools, Log Aggregation, Metrics Collection

Quality & Security: SonarQube, Trivy, Snyk, OWASP, Security Scanning, Code Quality Analysis, Vulnerability Assessment, SAST/DAST

Backend Frameworks: FastAPI, Django, Express.js, Spring Boot, Flask, Node.js, RESTful APIs, GraphQL, Microservices Architecture

Frontend Frameworks: React, Next.js, Angular, Vue.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Responsive Design

Programming Languages: Python, Java, JavaScript, TypeScript, PHP, C/C++, Shell Scripting, Bash

Databases: MongoDB, DynamoDB, MySQL, PostgreSQL, Redis, Database Design, Query Optimization

Operating Systems: Linux (Ubuntu, CentOS, Debian), Windows Server, System Administration, Network Configuration

Version Control & Collaboration: Git, GitHub, GitLab, Bitbucket, Agile/Scrum Methodologies, Code Review Practices

Other Technologies: GitHub API, LLaMA, AI/ML Integration, Web Scraping, API Development, Microservices, Serverless Architecture

Professional Experience

Founder & CEO, Axynoxia — Enterprise Technology Consulting
- Founded and lead Axynoxia, an enterprise technology consulting firm specializing in scalable software solutions, AI implementations, and cloud architecture for Fortune 500 companies.
- Oversee development of custom software solutions and innovative technology implementations.
- Manage client relationships, drive business growth, and deliver innovative technology solutions across diverse industries.

Infrastructure Consultant, RFC — Ariana, Tunisia
- Provide strategic guidance on infrastructure solutions, focusing on cloud services, data center modernization, and network security.
- Design and implement scalable, secure IT infrastructures tailored to client business needs.
- Lead infrastructure projects involving automation, cloud migration, and DevOps practices.

PFE Intern — DevOps Platform Engineer, RFC — Ariana, Tunisia
- Architected and developed a **DevOps-as-a-Service (DaaS) platform** that analyzes GitHub repositories, suggests optimal infrastructure configurations, and provisions to VMs or Kubernetes clusters with automated monitoring and security.
- Built a full-stack auto-provisioning platform using React (frontend), Express.js (API gateway), MongoDB (data persistence), and FastAPI (microservices) with seamless GitHub API integration and LLaMA-powered intelligent recommendations.
- Designed and implemented an **AI-driven recommendation engine** that analyzes repository code, dependencies, and patterns to intelligently recommend Kubernetes vs. VM deployments based on workload

characteristics, resource requirements, and scalability needs.

- Automated end-to-end infrastructure provisioning workflows using Jenkins pipelines, Terraform for infrastructure as code, Ansible for configuration management, Docker for containerization, and Nexus for artifact management.
- Established comprehensive quality and security gates with SonarQube for code quality analysis and Trivy for container vulnerability scanning, ensuring production-ready deployments.
- Implemented full observability stack with Prometheus for metrics collection, Grafana for visualization and dashboards, and alerting systems for proactive issue detection and resolution.
- Reduced infrastructure provisioning time by 70% and improved deployment reliability through automated CI/CD pipelines and infrastructure automation.

Full Stack Engineer (Cloud, DevOps, Web), RFC — Ariana, Tunisia

- Developed and deployed cloud-native applications using Next.js with server-side rendering on AWS infrastructure, leveraging IAM for security, EKS for container orchestration, ECR for container registry, DynamoDB for NoSQL data storage, and CloudWatch for monitoring.
- Built an intern management system to streamline RFC's internal operations, featuring user authentication, role-based access control, and real-time data synchronization.
- Automated complete CI/CD pipelines with Jenkins for build automation, Terraform for infrastructure provisioning, Docker for containerization, and GitHub Actions for version control integration, reducing deployment time by 40%.
- Implemented best practices for cloud security, cost optimization, and scalability in AWS environments.

Web Developer, ESPRIT — Ariana, Tunisia

- Developed a comprehensive search-engine style web application using the MERN stack (MongoDB, Express.js, React, Node.js) to help ESPRIT students find and access course information efficiently.
- Implemented advanced search functionality with filtering, sorting, and real-time results using React hooks and MongoDB aggregation pipelines.
- Built Python-based web scraping system using BeautifulSoup and Scrapy for automated data ingestion from multiple sources, ensuring data freshness and accuracy.
- Designed responsive user interface with modern UX principles, ensuring optimal experience across desktop and mobile devices.

Network Engineer C-NOC, Tunisie Telecom — Tunis, Tunisia

- Provided B2B network support and maintenance; monitored links and resolved connectivity incidents.

Education

Software Engineering Degree, ESPRIT — Ariana, Tunisia

- Comprehensive engineering curriculum covering: Software Engineering Principles, Object-Oriented Programming (Java, C++), Data Structures & Algorithms, Database Systems (SQL, NoSQL), Web Development (HTML, CSS, JavaScript, React, Angular), Backend Development (Node.js, Spring Boot, Django), Cloud Computing (AWS, Azure, GCP), DevOps Practices (Docker, Kubernetes, CI/CD), System Architecture & Design Patterns, Network Programming, Operating Systems (Linux, Windows), Software Testing & Quality Assurance, Project Management & Agile Methodologies, Machine Learning & AI Fundamentals.
- Extensive hands-on projects including: Full-stack web applications, Cloud infrastructure deployment and automation, Microservices architecture implementation, CI/CD pipeline development, Database design and optimization, Mobile application development, System integration projects.
- Final Year Project (PFE): Developed a production-grade DevOps-as-a-Service platform integrating AI-powered infrastructure recommendations, automated provisioning, and comprehensive monitoring solutions.

Languages

Arabic (Native) | English (B2) | French (B2)