



ALAIN EGHO

Senior Solution Architect

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EDUCATION

Computer & Communication Engineer

Holy Spirit University of Kaslik

2004 - 2009

INDUSTRY EXPERTISE

Architecture Patterns



Cloud Technologies



Programming Languages



Database Design



Integration Technologies



Security Architecture



Team Leadership



Project Management



Technology Evaluation



Problem Solving:



CERTIFICATION

Scrum Master Certification

Oracle Cloud Infrastructure Foundations Associate Certification

AWS Cloud Quest Certification

CCNA

OBJECTIVE

Seeking a challenging role as a software manager where I can leverage my skills and experience to drive innovative solutions and lead high-performing teams. I am eager to embrace new challenges that foster professional growth while contributing to the organization's success

SUMMARY

Results-driven Software Technical Lead in leading cross-functional teams to deliver high-quality software solutions. Expertise in full-stack development, system architecture, and Agile methodologies. Proven track record of designing scalable and robust systems while optimizing team productivity and performance. Skilled in mentoring and coaching team members to foster a culture of innovation and continuous improvement. Strong communication and collaboration skills, adept at aligning technology initiatives with business goals to drive organizational success.

EXPERIENCE

Lead Technical Architect

2023 - Present

OMT - Online Money Transfer | accredited agent of Western Union

- **Led** a team of 12 developers through the full software development lifecycle, from requirements gathering to deployment, ensuring adherence to architectural standards and best practices
- **Architected** and led the development of a next-generation fintech wallet application supporting multi-currency transactions and seamless integration with major payment gateways
- **Designed** scalable and resilient systems using microservices architecture and APIs
- **Migrated** a legacy monolithic systems to a microservices-based architecture on AWS, resulting in improved scalability, reliability, and a 40% reduction in infrastructure costs
- **Collaborated** closely with stakeholders to define technical roadmaps, prioritize initiatives, and align technology solutions with business objectives
- **Implemented** Agile methodologies (Scrum/Kanban) resulting in a 20% increase in team productivity and faster time-to-market for new features
- **Achieved** a 99.9% uptime for critical systems by enhancing disaster recovery planning
- **Managed** the hiring process for new team members, ensuring alignment with project requirements and company values

Senior Full Stack Engineer

2021 - 2022

OMT - Online Money Transfer | accredited agent of Western Union

- **Designed**, estimated, developed, tested and implemented fintech projects
- Provided architecture, engineering, design and development services on Oracle 12c SOA
- **Optimized** a financial application to handle enormous load
- **Developed** high quality screens using Angular and efficient back end services using Oracle Service Bus and Spring Boot
- **Consumed** and developed web services SOAP and REST APIs
- **Managed** and executed production deployments, ensuring seamless integration and minimal downtime
- **Analyzed** product performance metrics and made data-driven decisions to optimize performance
- **Mentored** junior developers in software design principles and coding best practices, fostering a culture of continuous learning and improvement.
- **Owned** the product backlog and prioritized tasks based on business value and user needs
- Provided support to internal and external stakeholders of the product by resolving issues
- **Collaborated** with cross-functional teams to ensure timely delivery of high-quality products
- **Tracked** team progress using agile metrics and reported progress to stakeholders
- Collaborated with architects to clarify ambiguities and proposed alternatives
- **Identified** security and performance vulnerabilities and raised concerns with supervisors
- **Tested** backend systems, **reviewed** code, and gathered feedback to enhance user experience through performance optimization

SKILLS

JAVA • Spring • SpringBoot • NodeJS •

PHP • CodeIgnitor • JSF • JSP

Angular • Javascript • Typescript •

Richfaces • Primefaces

MySQL • SQL • ORACLE • MongoDB •

DynamoDB • Postgresql

ORACLE SOA Suite •

ORACLE Service BUS

Kafka • Microservies • RabbitMQ • Redis

AWS • OCI • Openstack

Apache • Jboss • Weblogic • Nginx

REST • SOAP • Json • XML • Postman •

Swagger

Ubuntu • Solaris • Windows Server

Microsoft dynamics • Wordpress

Jenkins • Git • SVN

Junit • Mockito • Cypress • Selenium •

Jmeter

Jira • Bugzilla

PUBLICATIONS

Individuals identification using tooth structure

Digital Information and Communication Technology and Its Applications Part II

TRAINING / COURSES

TensorFlow Developer

Angular – The Complete Guide 2022

Testing Spring Boot: Beginner to Guru

Java Master Class

Linux Administration Bootcamp

Openstack Fundamentals

EXPERIENCE

Senior Software & System Engineer

2010 - 2020

Pesco Telecom s.a.l | Debbane Saikaly Group

- Developed an ERP suite from scratch ,including CRM, Workflow, HR, Asset Tracking, and Warehouse Management Systems
- Integrated ERP with third-party applications for seamless functionality
- Integrated Google Maps functionality within the ERP system to improve logistics and asset tracking
- Created dynamic dashboards and detailed reports tailored to meet specific business requirements
- Designed and implemented a redundancy plan to ensure high availability of the DSL system
- Established and maintained multi-master replication to address failover and load-balancing challenges
- Led end-to-end cloud implementation projects utilizing AWS and OpenStack
- Designed and built cloud service models including Infrastructure-as-a-Service,Platform-as-a-Service, and Software-as-a-Service

Senior Software Engineer

2010 - 2020

Pesco Telecom s.a.l

- Planed, coordinated and conducted multiple complex software engineering activities
- Developed code compliant with three-tier architecture (MVC) across Presentation, Business, and Database layers
- Participated in requirements gathering, analysis, design, and documentation of applications
- Created object-oriented Java and JavaScript web applications from the ground up, adhering to high standards
- Utilized Spring MVC, Spring Security, Hibernate, and JPA for robust server-side application development.
- Implemented server side programs by using Servlet, JSP , JDBC and Log4J
- Developed and maintained asynchronous, AJAX-based rich client UI/UX views to enhance customer experience using RichFaces and PrimeFaces JSF components
- Developed, tested and maintained HTML5-based accessible and mobile applications
- Ensured clean coding practices for Model and Controller components, focusing on View development
- Managed complex ERP upgrades and integrations with 3rd party applications
- Managed branching, merging, tagging of source code using Subversion SVN and GIT repositories
- Proposed and designed reusable components by utilizing various standard frameworks
- Explored innovative alternatives and researched new technologies to enhance development processes
- Provided production support and assisted with helpdesk ticket analysis and resolution

Cloud Engineer

2015 - 2020

Pesco Telecom s.a.l

- Experienced with Hybrid Cloud Computing including AWS & OpenStack with KVM hypervisor
- Ability to design ,manage and maintain cloud based infrastructure to deliver the required performance,security and availability
- Hands on EC2,S3,RDS,VPC,IAM,IMA,ELB,SNS,SQS,λ,Auto-scaling,Cloudfront,Cloudwatch
- Setup Keystone, Glance,Nova, Neutron, Tenants and Flavor in OpenStack Environment
- Implemented High Availability, Load Balancing and Caching of HTTP Requests
- Configured Live Migration of Instances from one hypervisor to another
- Implemented an automated cloud system installation cookbook
- Migrated obsolete hardware platforms to Openstack
- Managed cloud deployments with cloud administration tools and management frameworks
- Developed strategy for cloud/virtualization migration and implementation best practices
- Performance management and reporting

System Engineer

2015 - 2020

Pesco Telecom s.a.l

- DSL Core Network and System administration support and monitoring
- Administered ubuntu Linux servers and Solaris SUN UNIX servers including bash scripting
- Responsible of complete configuration, installation and support of Solaris, ubuntu and Win 2003 systems including Cache, LDAP, JBoss, MySQL,IIS,Squid,Haproxy,GoAccess,Cacti
- Configured CPE modems, Siemens and Calix dslam, Juniper bras
- Configured and supported Servers ,Routers and Switches installation
- Replaced failed hardware and addressing system problems
- Assisted in designing and installing the IT infrastructure
- Supervised the administration of systems and servers related network to ensure availability of services to authorized users
- Worked with other administrators to improve systems/productivity
- Managed and maintained the monitoring Systems MRTG ,Cacti, Syslog

LANGUAGES

English	Proficient	●●●●●
French	Advanced	●●●●●
Arabic	Native	●●●●●
Armenian	Native	●●●●●

VOLUNTEERING

Scout

Scout st Mesrob
1994 - Present

EXPERIENCE

Senior Live Stream Specialist2016 - 2019

Tostreamlive

- Architected and implemented Wowza Streaming Media Server solutions for live and VOD streaming, achieving 99.9% uptime and seamless scalability.
- Developed custom server-side modules to enhance Wowza Streaming functionality, improving streaming performance and customization capabilities.
- Installed, configured, and optimized Apache Web Server for reliable and secure web hosting, supporting multiple high-traffic websites and applications.
- Designed and developed responsive websites using modern frontend technologies, ensuring optimal user experience across desktop and mobile devices.
- Integrated PayPal for online payment processing, facilitating seamless transactions and enhancing user satisfaction.
- Implemented Google Analytics to track user interactions, optimize content delivery, and improve overall website performance.
- Documented and maintained live stream web applications, ensuring clear documentation for future reference and ease of maintenance.
- Implemented SSL/TLS certificates and configured encryption protocols to secure data transmissions and authenticate clients.
- Managed WordPress multi-site environments, providing administrative support, troubleshooting, and customization services.

Software Developer2009 - 2010

Platform for ecommerce

- Developed desktop/Server application for banking solutions using C#
- Assisted in the development and maintenance of company websites and web applications
- Collaborated with senior developers to implement new features and resolve bugs.
- Participated in code reviews and testing to ensure code quality and functionality

Automation Engineer - Internship2008

Mecanix shops

- Developed a control system using Siemens PLC
- Integrated sensors and actuators to automate some process, enhancing efficiency and reducing manual intervention.

IT Support Engineer Intern - Internship2007

Sodetel | ISP

- Assisted customers with installation, configuration, and troubleshooting of software applications and peripheral devices.
- Diagnosed and resolved software and hardware issues for a range of products, including troubleshooting network configurations and resolving connectivity issues.
- Documented technical issues and resolutions in the knowledge base, contributing to a centralized repository of solutions for common problems.

COMPETENCES



Strong Technical Knowledge

Extensive experience in software development, coding languages, and technical architecture.



Strategic Thinking

Experienced in developing a long-term vision for products, creating a roadmap that aligns with the organization's goals.



Analytical and Problem Solving Skills

Demonstrated ability to analyze data and trends, identify problems, and develop effective solutions.



Communication Skills

Strong communication skills and ability to effectively communicate technical information to both technical and non-technical stakeholders.



Agile Methodologies

Skilled in Agile methodologies, including Scrum and Kanban, and experienced in the roles and responsibilities of each team member.

REFERENCES

References are available upon
request