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# MOSES JASI

## Senior Software Engineer and Technology Leader

### SUMMARY

Senior Software Engineer with over a decade of expertise in designing, developing, and managing software solutions. Specializes in PHP, .NET, Python, Java, alongside advanced knowledge in AWS, Terraform, and CI/CD tools. Proven record in building scalable payment systems, e-commerce platforms, and cloud applications. Demonstrates strong leadership in driving technology strategy and fostering innovative solutions with effective use of DevOps practices to enhance deployment efficiency. Holds a substantial education in computer science complemented by professional certifications in DevOps and Full-stack Development. Experienced in API development, system security, and database management with notable project accomplishments in payment integration and systems automation.

### SKILLS

<b>Main Technical Skills</b>	SDLC, API, GCE, Data Lake
<b>Programming Languages</b>	JavaScript, X++
<b>Android Libraries and Tools</b>	Android APIs
<b>C++ Libraries and Tools</b>	C/C++/C#
<b>Python Frameworks</b>	Django REST framework, Flask
<b>JavaScript Frameworks</b>	Ext JS, React
<b>Mobile Frameworks and Libraries</b>	KVO
<b>PHP Frameworks</b>	Laravel
<b>.NET Platform</b>	.NET Core
<b>Java Frameworks</b>	Spring Boot
<b>Data Analysis and Visualization Technologies</b>	Presto S3
<b>Databases &amp; Management Systems / ORM</b>	AWS ElasticSearch, Data Lake, MySQL, Oracle Database, PL/SQL, PostgreSQL, Raven DB, SQL

<b>Amazon Web Services</b>	AWS Amplify, AWS CodePipeline, AWS EC2, AWS ElasticSearch, AWS Security Groups
<b>Google Cloud Platform</b>	GCE
<b>Industry Domain Experience</b>	Banking
<b>SDK / API and Integrations</b>	Android APIs, API
<b>Mail / Network Protocols / Data transfer</b>	Cisco switches
<b>Virtualization, Containers and Orchestration</b>	GCE
<b>Deployment, CI/CD &amp; Administration</b>	GitLab CI, Jenkins
<b>Message/Queue/Task Brokers</b>	Kafka
<b>Platforms</b>	Odoo
<b>Methodologies, Paradigms and Patterns</b>	SDLC
<b>Operating Systems</b>	Unix
<b>Other Technical Skills</b>	Amazon Elastic Load Balancer, AWS ELB, Facebook Auth, ISO, Money Exchange, PACS 004 & 008, RDS, SMPP

## WORK EXPERIENCE

### Senior Application Developer & Lead, NPAY

**Duration:** Jan 2021 – Sept 2022

**Summary:** Mobile payment system integration involving banks, mobile money, and VISA QRCode payments

**Responsibilities:** Led software development, system integration, and deployment efforts

**Technologies:** .NET Core, C#, MSSQL, Android Studio, AWS

### Software Development Consultant, Yango-Odoo Integration

**Duration:** Feb 2024 – Present

**Summary:** Seamless integration between Yango and Odoo ERP

**Responsibilities:** Integrated Yango with Odoo ERP and modernized backend logic

**Technologies:** Python Flask, Laravel, AWS, Docker, CI/CD, Elastic search, Load Balancing, MySQL, PostgreSQL, React.js, Next js, Flutter



### **Logistics Management System**

**Summary:** Real-time logistics management system enabling tracking of cargo, drivers, and tonnage

**Responsibilities:** Participation and contribution to the system development

### **Senior Application Developer & Lead, Swish Payment Platform**

**Duration:** Jan 2021 – Sept 2022

**Summary:** Full-stack development of a multi-channel payment system known as Swish

**Responsibilities:** Led software development, system integration, and deployment efforts

**Technologies:** .NET Core, C#, MSSQL, Android Studio, AWS

### **Biometric Time Attendance System**

**Summary:** Development of a biometric time attendance system linked to an employee monitoring system

**Responsibilities:** Participation and contribution to system development and integration

### **Chief Technology Officer, Next-gen Payment Solutions**

**Duration:** July 2023 – Present

**Summary:** Strategic management and innovation of new payment solution technology

**Responsibilities:** Spearheading technology strategy, development, and IT operations

**Technologies:** AWS, Azure, Spring Boot, Django, Express.js, Flutter, Kubernetes, Terraform, Kafka, PostgreSQL

### **Lead Software Engineer, Web and Mobile Payment Gateway Integration**

**Duration:** July 2023 – March 2024

**Summary:** Led development of web, mobile, and USSD applications incorporating various payment gateways

**Responsibilities:** Led the development of web, mobile, and USSD applications and integrated payment gateways

**Technologies:** C# .NET Core, Laravel, Django, Flask, Flutter, AWS, Azure, PostgreSQL, Raven DB

### **Software Development Consultant, Technology Strategy and System Development**

**Duration:** Jan – June 2023

**Summary:** Managed technology strategies and development projects, leading to improved system functionality

**Responsibilities:** Defined and led technology strategies and system development projects

**Technologies:** PHP Laravel, Python Django, Flask, MySQL, React.js, Jira

### **Software Development Consultant, Banking Integration and Business Automation**

**Duration:** Oct 2022 – Jan 2023

**Summary:** Development of banking integrations and automation tools for business processes

**Responsibilities:** Developed banking integrations and business automation tools

**Technologies:** PHP Laravel, Flask, PostgreSQL, AWS, React.js, Next.js



## **EDUCATION**

- **Associate Degree in Computer Science**
- **Advanced Diplomas in Computer Science, Web Development & Object-Oriented Programming**
- **Diploma In Systems Design**

## **CERTIFICATION**

- **DevOps Certification**
- **Introduction to DevOps**
- **Full-stack Developer Certification**
- **Professional Certification**

