Salim-Amine BOU ARAM

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Areas of Interest & Expertise: Microservices | Cloud Computing | Defensive Cybersecurity | R&D | Emerging Tech.

I am targeting roles in Product Management, Product Specialist, Backend Development, and Solutions Engineering, leveraging technical foundation with cross-functional experience to drive product success, customer impact, and business growth.

Education

Institut supérieur de l'électronique et du numérique - ISEN	Brest - France
Engineering degree in Network & Security	2018 - 2020
Lebanese University - Faculty of Technology	Saida - Lebanon
Bachelor's degree in Networking & Telecommunication	2016 - 2018

Experience

Davidson Consulting — Sophia Antipolis - France
Senior Golang Consultant - full time — Apr 2024 - Jan 2025

- Conducted LLD/HLD technical studies to implement an OpenPGP-based encryption solution in a complex custom on premise S3 storage based logs archiving platform developed by the team.
- Updated software modules dependencies and added new features.
- Actively participated in Agile Scrum refinements alongside the Product Owner and Tech Lead, ensuring timely and efficient task delivery.
- Participated in the design and implementation of encryption components for the logs archiving platform, including CLI and backend parts.
- Paid critical attention to software optimization, ensuring high performance, scalability, and efficient resource utilization, as the product was designed to operate in a high-traffic, mission-critical production environment handling thousands of requests per second.
- **Tech environment:** Scality S3 (S3-compatible) - IAM - Golang - REST APIs - Linux - Hashicorp Vault - openPGP - LDAP - MinIO - Gitlab CI - PoCs/Technical studies - Jira/Confluence - Unit Testing.
- **Reference:** alexis.cahen@davidson.fr - Alexis Cahen (Business Manager) .

Skeldus — Remote - USA
Lead Golang Backend Developer (Freelance - part time) — Sep 2023 - Mar 2024

- Contributed to the design and development of the platform's REST API, ensuring alignment with the project requirements and corresponding Jira tasks.
- Developed a Golang microservice for managing platform agents, based on FleetDM.
- Implemented Steampipe security verification queries in the backend, enabling the platform to assess the security posture of clients' cloud environments (AWS, Azure, GCP).
- Performed unit testing to ensure feature robustness, reliability, and overall code quality.
- Designed and optimized a CI/CD pipeline, enabling automated backend project deployment on AWS ECS using GitHub Actions.
- Maintained up-to-date the backend OpenAPI specification, ensured proper linkage of pull requests to Jira tickets, and consistently performed code reviews to validate or rework tasks as needed.
- **Tech Environment:** Golang, MySQL, REST APIs, JWT, RBAC (oso), GoMigrate, Steampipe, FleetDM, Git/GitHub, GitHub Actions (CI/CD), Docker, AWS (S3, ECS), Jira, Scrum.
- **Reference:** ferdinand@mycio.io - Ferdinand Irany (FullStack Software Technical Lead & Founder) .

COOPGO — Valbonne & Rennes - France
R&D Engineer (Golang focused) - full time — Feb 2023 - Mar 2024

- Designed and developed a carpooling mobile application aimed at supporting individuals with difficulties, using a dynamic technology stack.
- Designed and developed Golang backend microservices, where communication was facilitated via gRPC and REST APIs.

- Supervised and collaborated with intern students, providing mentoring and support on various tasks of the project.
- **Tech environment:** Golang, Flutter, APIs (REST & gRPC with JWT-based middlewares), OpenAPI Spec (OAS), Geospatial data, PostgreSQL, MongoDB, key-value caching, Docker, Kubernetes (k3s), AtlasGo for SQL migrations, Firebase Cloud Messaging for notifications.
- **Reference:** arnaud.delcasse@coopgo.fr - Arnaud Delcasse (Director & Technical reference) .

Fabrics4clouds
Remote - Canada

Infrastructure/Security Supervision Engineer - full & part time
Sep 2022 - Sep 2023

- Created incident rules and supervised the security systems (FortiSIEM - FortiMail - FortiEDR).
- Handled , resolved, documented security incidents (during my shifts as L2) and escalated to security experts when necessary.
- Administered the Pandora FMS monitoring platform, overseeing the monitoring of network equipment bandwidths, internal and external websites health, network interfaces, and functional services of servers.
- Configured and managed SNMP traps and created corresponding alerts.
- **Tech environment:** Pandora FMS, FortiSIEM, FortiMail, FortiEDR, SNMPv3, SNMP Traps, WMI, MITRE ATT&CK Framework.
- **Reference:** sidney.bouzaglo@fabrics4clouds.com - Sidney Bouzaglo (Chief Operating Officer) .

Bliink
Paris - France

Golang Backend Developer - full time
Jun 2021 - Dec 2021

- Developed a backend feature to support dynamic email attachments data processing via the Gmail API.
- Designed and developed various APIs (gRPC, GraphQL, REST) for frontend integration.
- Implemented unit tests and mockings to guarantee the required software coverage.
- **Tech environment:** Golang, APIs, TDD, Pub/Sub, MongoDB, Docker, Kubernetes , GitLab.
- **Reference:** saber@bliink.io - Saber Dams (FullStack Lead Developer) .

IRT BCOM
Cesson-Sévigné - France

5G Core Network Microservices Developer (Golang) - apprentice
Sep 2019 - Sep 2020

- Gained training on 5G Core (5GC).
- Contributed to the refactoring of an open-source 5GC solution into microservices.
- Contributed on monitoring Kubernetes (K8S) clusters using Prometheus and Grafana.
- Provided a state-of-the-art study on the structure and usage of mobile network identifiers, including SUCI, SUPI, IMSI, and IMEI, within the context of 4G and 5G authentication systems.
- **Tech environment:** Kubernetes, Docker, Golang, Helm, Monitoring, Python, 5GC (free5GC), OAuth2.0, SCRUM, OpenAPI, R&D.
- **Reference:** philippe.bertin@b-com.com - Philippe Bertin (Product Owner & Senior Research Engineer).

Diese Telecom
Clamart - France

VoIP Engineer Intern
Jun 2019 - Sep 2019

- Conducted a state-of-the-art analysis on VoIP technology stack (focused on SIP/RTP) .
- Installed and configured an IPBX server machine (using the open-source freepbx solution) on a OVH cloud based machine.
- Configured the IPBX server (added extensions, SIP Trunk, Inbound routes).
- Configured PFsense firewall rules (NAT & PAT) .
- Conducted tests (signaling & media) using softphones (Zoiper & Linphone) .
- **Tech environment:** asterisk pbx, VoIP, CentOS, python, raspberry pi 3B.
- **Reference:** joel.nogues@diesetelecom.com - Joel Nogues (Owner).

Skills

Programming Languages:	Golang, Dart, Python, Javascript
Software Development Practices:	Test-driven, Kanban/Scrum, Debugging, Performance, Optimization
Databases:	PostgreSQL, MySQL, MongoDB, Redis, ETCD
API:	gRPC, REST, Graphql, OpenAPI
API Management & Security:	OAuth2.0/OIDC, JWT, CORS
Virtualization / Orchestration:	Kubernetes, Docker, Helm, VirtualBox, KVM, VMware
Cloud Services:	AWS S3, AWS EC2, AWS RDS, Firebase
OS:	Linux (Debian - CentOS) - Windows
Version Control & DevOps:	Git, GitHub, GitHub actions, GitLab
IT Monitoring:	Prometheus, Grafana, Pandora FMS, PRTG
Networking Protocols:	Ethernet, ARP/NDP, IP, TCP/UDP/QUIC, SNMP, DNS, DHCP, FTP, HTTP, SIP, Telnet, SSH, SMTP, TLS
Network & Security:	Firewalls, VPNs, IDS/IPS, SIEM, EDR, OWASP, Security Awareness
Network Troubleshooting:	Traffic Analysis, Network Monitoring
Testing & Automation:	Selenium(python), Maestro(IOS/Android testing), shell scripting, Makefile, Postman, Insomnia, BloomRPC, Wireshark
AI & LLM:	Model-Context-Protocol, ChatGPT, Claude, Vercel V0, Gemini, DeepSeek, Manus
Document Applications:	Microsoft Office Suite, LibreOffice Suite
Diagramming & Visualization:	Drawio, PlantUML, Markdown, Miro
Soft Skills:	Collaboration, Time management, Problem-solving, knowledge sharing
Product Management:	Productboard, Jira

Certifications & Personal projects

Product Management Basics By Pendo & Mind the product: PM role, PDLC in depth

Product Analytics By Pendo & Mind the product: Product Analytics Hierarchy of Needs; How and Why analytics are used in PDLC, Key business and product metrics discussed

Getting started with Productboard

Miro essentials By Miro Academy

Get the most out of Jira By Atlassian University

API OAuth2.0/OIDC By Pragmaticwebsecurity

Kubernetes CKAD Udemy KodeKloud

Fortinet Network Security: NSE 1-2-3

Six Sigma White Belt

PowerDMARC Email Auth Basics : SPF - DKIM - DMARC

Mastering Svelte frontend framework Udemy

edX Harvard course Leadership Foundational Principles

SAML 2.0 course - Pluralsight

CCNA 200-301 Course Udemy

Expanding your communications skill set - Codeacademy

Wasselli - P2P Shipping App (MVP: Android)
A mobile app connecting Lebanese travelers with senders to transport packages internationally and reducing shipping costs. (Technos -> Frontend: FlutterFlow (Dart/Flutter) - Backend: Golang - Auth: JWT, Google Sign-In (custom auth flow firebase cloud funcs & backend) - Database: PostgreSQL - APIs: REST - Infras: AWS (EC2, S3), Firebase - Notifications: Firebase Cloud Messaging - Payments: Stripe - Utilities: DuckDNS, Gmail SMTP)

Remote Lebanese – Job Platform for Lebanese Talent (MVP: Web)
A web platform helping Lebanese professionals find remote jobs worldwide. (Technos -> Frontend: Svelte(Javascript/TypeScript/HTML/CSS) - Backend: Golang - APIs: REST(OAS/Swagger) - Auth: JWT, OAuth/OIDC (Google Sign-In) - Database: PostgreSQL - Storage: MinIO - Deployment: Docker/Docker-compose)

Smart Planning System – ISEN University (FYP)
An e-ink-based smart planning system for university (room bookings, schedules). (Technos -> Hardware: ESP32 (MicroPython) + E-Ink Display - Web Interface: PHP, HTML,CSS, JavaScript - Database: MySQL)

Online Portfolio

Medium: medium.com/@salimbouaram12	**LinkedIn:** linkedin.com/in/salim-bou-aram