HAGARD Florent
FULLSTACK ENGINEER & DEVOPS ARCHITECT

Passionate about innovation and new technologies, #GEEK at heart, I spend most of my free time doing technology watch to always be ready to take on new challenges; It's a philosophy of life for me.

Today with more than 15 YEARS OF EXPERIENCE this passion has never left me. EARLY ADOPTER of generative AI since 2022, I integrate LLMs into my workflows to push the boundaries of what's possible. I am looking for new challenges combining #OPENSOURCE values.

Information

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Languages

HTML, CSS, JavaScript, TypeScript, Go, PHP, Rust, Dart, Sh, Python

Databases

SQL, NoSQL, Key/Value

Infrastructure

BUILD, RUN, CI/CD, GitOps, FinOps, SecOps, IaC

Cloud Providers

Amazon Web Services
Google Cloud Platform
Azure
OpenStack
vSphere
Self-Hosted

OS

Mac
Windows
Linux

Spoken Languages

French (Native)
English (Professional)

AI & Automation

LLM Integration,
Prompt Engineering, RAG, AI Agents,
MLOps

PROFESSIONAL EXPERIENCE

DOCAPOSTE (LA POSTE GROUP) DEVOPS ARCHITECT — March 2025 - Present

- Custom Terraform provider for OpenStack/VMware orchestration with Morpheus API.
- Hybrid architecture managing 500+ VMs with standardized templates and blueprints.
- Ansible playbooks automating OS provisioning and services configuration.
- GitLab CI/CD pipeline with Molecule tests and zero-downtime deployments.
- Grafana Alloy agent for unified monitoring with centralized metrics and logs.
- Vault/Gopass integration for secure secrets and certificates management.
- AI agents (LLMs) for infrastructure task automation and documentation generation.
- Technical documentation and team training on DevSecOps practices.

GO · SHELL · ANSIBLE · MORPHEUS · OPENSTACK · VSPHERE · VAULT · GOPASS · GITLAB · DOCKER · GRAFANA · GIT · JIRA · CONFLUENCE · REST
🌐 DOCAPOSTE

LEBONCOIN (ADEVINTA GROUP) DEVOPS — May 2024 - March 2025

- Event-driven Kafka architecture processing 100M+ messages/day with partitions.
- Notification service handling transactional emails and real-time push.
- A/B testing framework with feature flags and conversion metrics.
- Bazel pipeline optimizing Go builds with distributed cache and parallel tests.
- Datadog/Grafana monitoring with SLO alerts and performance dashboards.
- Contribution to recommendation and personalization systems leveraging ML at scale.
- Kafka consumer/producer integration tests with resilience scenarios.
- PostgreSQL optimization with partitioning and indexing for SQL queries.

GO · SHELL · BAZEL · GERRIT · HOUSTON · DOCKER · KAFKA · GRAFANA · DATADOG · POSTGRESQL · KIBANA · GIT · JIRA · CONFLUENCE · REST
🌐 LEBONCOIN

HOVE (KEOLIS GROUP) GO DEVELOPER & DEVOPS ARCHITECT — April 2023 - April 2024

- High-performance Go API for Paris 2024 Olympics handling 10M+ requests/day with p99 < 70ms.
- gRPC/Protobuf microservices with circuit breakers and retry policies.
- Andyamo accessibility API calculating real-time adapted routes for PRM.
- StreetCo integration for urban obstacles with geospatial Redis cache.
- Auto-scalable AWS EKS infrastructure with HPA/VPA and spot instances.
- GitHub Actions pipeline with parallel tests and GitOps ArgoCD deployment.
- OpenTelemetry observability stack exporting traces/metrics to Grafana.
- Multi-region CloudFront CDN with intelligent cache invalidation.
- Modular Terraform providers for customized client deployments.
- Canary releases with automatic rollback on error metrics.
- Enhanced WAF/Shield security against DDoS with adaptive rate limiting.
- FinOps optimization reducing AWS costs by 40% via reserved/spot instances.

GO · RUST · PYTHON · SHELL · BAZEL · DOCKER · KUBERNETES · JENKINS · ANSIBLE · TERRAFORM · GITHUB CI · GRAFANA · LOKI · PROMTAIL · PROMETHEUS · OPENTELEMETRY · FINOPS · CLOUD SECURITY · CI/CD · AMAZON WEB SERVICES (AWS) · AWS EKS · AWS LAMBDA · AWS S3 · AWS RDS · AWS API GATEWAY · AWS IAM · AWS VPC · JIRA · CONFLUENCE · REST · PROTOBUF
🌐 NAVITIA

IEF2I DEVOPS ARCHITECT — December 2015 - December 2022

- Migration from Symfony monolith to event-driven Go microservices for 10K+ users/day.
- CQRS/Event Sourcing architecture with Kafka handling 100K+ daily events.
- Hybrid OVH (videos/assets) and AWS (APIs) architecture optimizing streaming costs by 45%.
- Adaptive MPEG-DASH/HLS streaming optimized with bitrate ladder and intelligent CDN.
- HashiCorp Nomad orchestrating on-premise workloads with AWS burst during peak loads.
- Traefik API Gateway with JWT auth, rate limiting and Cloudflare DDoS protection.
- Electron screen/webcam capture application with hardware-accelerated H.264 encoding.
- Flutter app for grades consultation and direction/students communication.
- Hybrid infrastructure with automatic OVH/AWS failover under 30 seconds.
- Jenkins CI/CD pipeline with parallel tests and blue/green deployment.
- Unified Prometheus/Grafana monitoring with dashboards and alerting.
- PostgreSQL with tables partitioned by school year for cyclical data management.
- Automatic archiving of historical data on S3 with 7-year retention.
- GDPR implementation with anonymization, right to be forgotten and personal data export.
- DevOps culture and practices training delivered to 500+ engineering students.

GO · JAVASCRIPT · ELECTRON · FLUTTER · DART · PHP · SYMFONY · SHELL · GRPC · FFMPEG · MPEG-DASH · WEBRTC · HLS · BAZEL · DOCKER · NOMAD · TERRAFORM · JENKINS · ANSIBLE · AWS · OVH · KAFKA · KONG · CLOUDFLARE · GRAFANA · PROMETHEUS · LOKI · FINOPS · SONARQUBE · CI/CD · API PLATFORM · REST · PROTOBUF · WEBSOCKET · EVENT-DRIVEN · CQRS · EVENT SOURCING · MICROSERVICES · CLEAN ARCHITECTURE
🌐 API · 📺 STREAMING · E-LEARNING · 📱 MYIEF2I

ITELIOS/CAPGEMINI - CLOUD COMMERCE ENGINEER — September 2013 - December 2015

- Drupal7 to Salesforce CC migration handling 100K+ products and 50K+ customers.
- PWA with Service Workers, cache strategies and offline background sync.
- Optimized Core Web Vitals: LCP < 2.5s, FID < 100ms, CLS < 0.1.
- OAuth2/SAML SSO supporting multi-brand with roles and permissions.
- Adyen/Stripe PSP integration with tokenization and 3D Secure 2.0.
- Real-time Click & Collect with Google Maps API and multi-site stock.
- Address normalization via EasyPost API for 200+ countries.
- Pricing engine with complex rules, promotions and dynamic pricing.
- One-page checkout with A/B testing increasing conversion by 25%.
- Selenium Grid tests executing 500+ scenarios on 10 browsers.
- Einstein ML recommendations generating +35% cross-sales.
- WCAG 2.0 AAA with screen reader, keyboard navigation and contrast.

HTML5 · CSS3 · JAVASCRIPT · ISML · DEMANDWARE SCRIPT · PIPELINE · PROGRESSIVE WEB APP · REST · SOAP · GIT · TEAM FOUNDATION · JIRA · CONFLUENCE · SALESFORCE CLOUD COMMERCE
🌐 LANCOME · 🌐 YVES SAINT LAURENT · 🌐 KENZO · 🌐 VILEBREQUIN · 🌐 SANDRO · 🌐 PICARD · 🌐 ETAM · 🌐 TRUFFAUT

ANDAFTER - WEB APPLICATIONS ENGINEER — May 2011 - September 2013

- Custom PHP MVC framework with ORM, routing and template engine.
- C++ PHP extension accelerating template rendering by 300%.
- PHPUnit/Puppeteer test suite with 85% coverage and automated CI.
- MongoDB sharding for logs with TTL indexes and aggregation pipeline.
- Multi-level Memcached cache reducing DB load by 70%.
- Versioned REST API with token auth and rate limiting.
- MySQL optimization with partitioning and query cache tuning.

HTML5 · CSS3 · JAVASCRIPT · C/C++ · PHP · PYTHON · SHELL · REST · SOAP · GIT · APACHE · PUPPETEER · PHPUNIT · MONGODB · MEMCACHED · MYSQL
🌐 LE BOURGET · 🌐 YVES ROCHER · 🌐 HACHETTE COLLECTIONS · 🌐 LINVOSGES · 🌐 DR. PIERRE RICAUD · 🌐 DANIEL JOUVANCE · 🌐 LINGUA INSTITUT · 🌐 ARMOIRE · 🌐 CLEMENTINA FROG

SOFT4ONE - WEB APPLICATIONS ENGINEER — January 2010 - April 2011
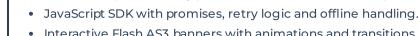
- PHP4 to PHP5 migration with namespaces and PSR-4 autoloading.
- HAProxy/Apache cluster handling 10K req/s with sticky sessions.
- Perl/Shell scripts automating backups and deployments.
- SOAP/REST API with auto-generated WSDL and XSD validation.
- Iptables rules and fail2ban for DDoS protection.
- MySQL master-slave replication with heartbeat monitoring.

XHTML4 · CSS2.1 · JAVASCRIPT · PERL · PHP · SHELL · REST · SOAP · SUBVERSION · IPTABLES · APACHE · HAPROXY · MYSQL
🌐 DECOPLUS PARQUET · 🌐 BOXING SHOP · 🌐 CLEMENTINA FROG · 🌐 BUDO FIGHT · 🌐 MEGADENTAL · 🌐 CHRONO CHEF

WEBREFLEXE - SOFTWARE DEVELOPER — September 2008 - January 2010

- Real-time sports betting platform with websockets and push notifications.
- JavaScript SDK with promises, retry logic and offline handling.
- Interactive Flash AS3 banners with animations and transitions.
- Secure REST API with OAuth and JSON schema validation.
- PHP crawler parsing 50+ sites with change detection and cache.
- Dynamic odds system with adjustable margin algorithm.

XHTML4 · CSS2.1 · PHP · FLASH (AS3) · PHP · REST · SUBVERSION · MYSQL
🌐 BETREFLEX · 🌐 WEBREFLEXE