

Javid Mougamadou

Senior Software Engineer

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SKILLS

API DEVELOPMENT: API Gateway, REST APIs, Swagger, WebSocket

AUTHENTICATION: OpenID, RBAC, SSO, Zero Trust Security

AUTOMATION: Ansible, GitLab CI/CD, Github Actions, Nexus, Terraform

CACHING & PERFORMANCE: Cache, Load Testing, Redis

CLOUD PLATFORM: AWS

COLLABORATION: Code Snippets, CodeServer, Cross-functional Teams, Documentation, Git, GitLab, Image Template, Knowledge Sharing, Mentorship

CONCEPTS: Availability, Backup, Fault Tolerance, Replication, Sharding

CONTAINERIZATION: Docker, Helm, Kubernetes, Rootless, Serverless, S6 Overlay

DATA STREAMING & MESSAGING: Concurrency Management, Kafka, WebSocket

DATABASES: Cassandra, InfluxDB, MongoDB, PostgreSQL, Redis

DEPLOYMENT STRATEGIES: Autoscaling, Blue/Green Deployment, Canary Deployment

ETL: Airflow, Nifi

LINUX: Bash, Linux Administration (RHEL, Ubuntu)

METHODOLOGIES: Agile Methodology, Sprint Planning, User-Centered Development

MONITORING: Grafana, Jaeger, OpenTelemetry, Prometheus, Sentry, Trivy

NETWORK SECURITY: API Key Management, Proxy Configuration, Vault

PROGRAMMING LANGUAGES & FRAMEWORKS:

Django, Express, Flask, Node.js, Python

TESTING & QUALITY ASSURANCE: E2E Testing, Jest, Playwright, Pytest, Selenium

UI & PERFORMANCE: Esbuild, Flexbox, Lighthouse, Responsive Design, Webpack

WEB TECHNOLOGIES: CSS, HTML, Typescript, PWA, React, NextJS, Redux, Hugo

EDUCATION

ECOLE POLYTECHNIQUE DE MONTRÉAL

ENGINEERING CERTIFICATE - COMPUTER ENGINEERING

2015 - 2016 | Montréal, Canada

ENSSAT

ENGINEERING DEGREE - COMPUTER ENGINEERING

2013 - 2016 | Lannion, France

EXPERIENCE

SAFRAN | LEAD FULL STACK DEVELOPER / DEVOPS

Sept 2018 - Present | Saclay, France

- Designed and implemented a developer environment generator with predefined layers (Docker, Python, Node) to significantly enhance the developer experience for 1,000 internal developers. This solution reduced instance provisioning time from 2-4 weeks to just 2 minutes. It was deployed on a Docker Swarm Cluster and built using Python/Django, Ansible, Docker, Nginx, and ReactJS
- Managed Artifactory for dependency management and implemented a knowledge-sharing initiative with a chatbot and LLM, fostering constructive feedback and ensuring security while conducting end-to-end tests for software quality.
- Designed and implemented a CSV extract system from MongoDB collections with multithreaded queries, allowing users to gain 97% reduction in processing time. Deployed on Openshift and built with Python/Django, Celery and Redis.

EGREEN | LEAD FULL STACK DEVELOPER

Oct 2016 - Aug 2018 | Paris, France

NIXA | INTERNSHIP - BACKEND DEVELOPER

May 2016 - Sept 2016 | Montréal, Canada

PROJECTS

🌐 INFLUXABLE | OPENSOURCE PROJECT

A lightweight python ORM / ODM / Client for InfluxDB

LINKS

🔗 DEV.TO | TECHNICAL WRITER

DEV is a community of software developers getting together to help one another out.

INTERESTS

Blog, Travel, Fitness, Video editing, Video game development, Website design, Manga