



XUE MEINI

SENIOR SOFTWARE ENGINEER | BUILDING SCALABLE SYSTEMS FOR SOCIETAL GOOD

CONTACT

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EDUCATION

2021-2023

Engineer's Degree in Engineering &
Digital Technologies
EPF Engineering School, Paris, France

2014- 2017

Bachelor's Degree in Mathematics
University of Manitoba, Canada

2016

Mathematics Exchange Program
Hong Kong University of Science and
Technology, Hong Kong

SKILLS

- Cloud Infrastructure: AWS, OVHcloud, Terraform (IaC)
- Containerization: Docker, Kubernetes, Helm, Harbor, ArgoCD
- CI/CD: GitLab CI/CD,
- Monitoring: Grafana, Prometheus, Zabbix
- Security: Vault, Bitnami, Keycloak, OAuth2, JWT, Zitadel
- Databases: PostgreSQL, Redis, Elasticsearch, GraphQL, Neo4j
- Networking: Cloudflare, Nginx
- Architecture: Event-driven, Microservice, event-sourcing
- Autre: Linux, Bash, SSH, Scrum, Jira (Agile), RestAPI, Java, Kafka

LANGUAGES

- English: Fluent - TOEIC (900)
- French: Fluent- DALF C1
- Chinese: Fluent - Native



PROFILE

Senior DevOps and full-stack engineer building secure, scalable systems with societal impact, inspired by Bret Victor, Douglas Engelbart, and J.C.R. Licklider's vision of **human-centered technology**. Currently driving digital transformation at Klee Group for France's CNSA, I architect **resilient hybrid infrastructure** (AWS/OVH) using Kubernetes, ArgoCD, and GitLab CI/CD to ensure high availability for critical public services. My approach merges **rigorous backend engineering**—designing Java Spring Boot ecosystems with robust RBAC, SSO, and optimized PostgreSQL/Elasticsearch pipelines—with a **secure supply chain** via Harbor and Bitnami Sealed Secrets. I keep foresight regarding the **integration of infrastructure and intelligence**, leveraging lightweight IoT, MLOps, and LLM-driven workflows to deliver solutions that empower organizations and communities.



PROFESSIONAL EXPERIENCES

DevOps & Fullstack Developer

JAN 2024 - PRESENT

Klee Group | Paris, Île-de-France, France

- Developed and maintained **Docker**-containerized web applications on **Linux** VMs, ensuring usability, security, and scalability.
- Contributed to a French governmental project (Caisse Nationale de Solidarité pour l'Autonomie), architecting a **Spring Security**-based application deployed on **Kubernetes** via **GitLab CI/CD** and **Helm charts**, monitored by **ArgoCD**.
- Implemented **Harbor** Registry and **Bitnami Sealed Secret** integrations to enforce image security and secrets management
- Orchestrated Kubernetes clusters for high-availability Spring Boot applications in **microservice**
- Optimized **PostgreSQL** and **Redis** performance by **Elasticsearch** Indexation and cloud storage efficiency for data-intensive workloads
- Engineered and maintained cloud infrastructure (**AWS**) for Kubernetes-deployed applications

DevOps & Full-Stack Developer

Feb 2023 - Aug 2023

Takima | Paris, France

- Automated deployment workflows using DevOps practices and **Node.js** tooling
- Implemented and maintained cloud infrastructure using **Terraform** (IaC) for docker containerized deployed applications, monitored via **Prometheus**.
- Designed a **REST** API (HTTP/JSON) for data retrieval across services (PostgreSQL).
- Managed **PostgreSQL** databases for certificate distribution system with **digital signatures**.

Web Application Developer

Feb 2021 - Aug 2021

Accenture | Hong Kong SAR

- Optimized a Java/React.js/MySQL sales management website's performance.
- Developed infinite scroll for product pages, multi-item cart functionality, and catalog search filters.

Java Developer

Sep 2020 - Jan 2021

Deloitte Digital | Shanghai, China

- Built SQL-driven cost management features for cloud-hosted TBM platform