Thomas VOISIN

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SUMMARY

Dynamic Technical Leader and more recently Software Architect with 3 years of experience in managing development workflows, DevOps tasks, mentoring teams, and modernizing codebases.
Led the migration of legacy code architecture, ensuring enhanced code quality and dependency management that streamlined development processes.
Seeking to leverage technical leadership and architectural expertise to drive project success and optimize development processes in challenging environments.

SKILLS

Industry Knowledge: Software and System Architecture, Software Development, Continuous Integration and Continuous Delivery (CI/CD), Software Infrastructure, Software Project Management, Code Review, Code Refactoring, REST APIs Design, Scrum

Tools & Technologies: Git, Maven, Gradle, NPM, GitLab, SonarQube, Grafana, Docker, Kubernetes

Languages & Frameworks: Spring Framework, Angular, AdonisJS, Flutter, Java, TypeScript, Dart, C++, C, Python

Databases: PostgreSQL, MongoDB basics

Certifications: Google Cloud Fundamentals Core Infrastructure, Essential Google Cloud Infrastructure: Foundation

Interpersonal Skills: Communication, Collaboration, Problem-solving, Management, Adaptability, Involved, Meticulous and Attention to detail

EXPERIENCE

Technical Leader and Software Architect

Ouidou   **April 2023 - present, Nantes, Pays de la Loire, France**

· Led technical teams of 4 to 8 members in designing and deploying software solutions, fostering a collaborative environment and effective mentorship.
· Designed and implemented robust DevOps pipelines, integrating SonarQube analysis per merge request and GitLab code quality reports, ensuring in-depth code testing and coverage as well as updating code base dependencies.
· Spearheaded a major legacy architecture migration (160k Lines of Code), significantly enhancing code readability and testability, which resulted in a 60-70% reduction in client-reported bugs in staging phase as well as reducing required time for updating codebase after specification changes.
· Architected and launched new projects from the ground up by designing comprehensive software architectures, implementing scalable codebases, configuring GitLab CI, and setting up Helm chart deployments for testing and staging environments.
· Drove continuous improvement by managing technical debt and spearheading strategic technical initiatives that reinforced best practices.

Software Engineer

Ouidou   **March 2022 - March 2023, Nantes, Pays de la Loire, France**

· At first, I acquainted myself with the project and the team, composed of 3 to 5 developers, to then be completely part of the team and on-board future developers on it and finally supervise the team on both front-end and back-end developments.
· Managed regular deployments for an application now handling 200−250 simultaneous TCP connections, achieving a consistent deployment speed of approximately 10 to 20 minutes per release.
· Led refactoring initiatives for the codebase and database structure to optimize performance and better meet evolving customer requirements.
· Provided ongoing technical mentorship and client support, serving as a key resource during deployment phases and project maintenance.

Software Developer

Thales   **March 2021 - July 2021, Brest, Bretagne, France**

· Conducted comprehensive requirements analysis for software development on airborne systems used in anti-submarine warfare, aligning solutions with stringent defense standards.
· Developed a modular codebase, laying a strong foundation for future enhancements while adhering to strict security and performance protocols.
· Implemented unit testing to enhance code reliability and maintain rigorous quality standards under restricted communication conditions.

PROJECTS

Mounting development environment on a VPS:
· Mount a production Ready VPS, based on Ubuntu Server OS using container orchestrator systems such as Docker Engine and MicroK8s
· Deploy self-hosted Gitlab, SonarQube, and other development related instances in this environment
· Develop NextJS Portfolio enhanced by an LLM AI Chatbot focused on answering candidate related questions especially

Qubiq library (in progress):
· Develop a lightweight, embedded, modular Message Queue library for Java, built for developer productivity, performance, and portability.
· This library is designed to store messages inside a database engine with driver-based architecture.

EDUCATION

Master degree in Engineering Sciences, Computer Science

Minor in Machine Learning, Software Engineering and FinTech · ENIB · Brest, Bretagne, France · 2022

Computer Science and Engineering (major) along with Finance and Fintech (minor)

Seoul National University of Science and Technology · December 2021