Hugues MAILLET

Solution Architect



ABOUT ME

■ Languages

- □ French Native or bilingual proficiency
- □ English Full professional proficiency
- English test results
- □ EF SET
- □ B2 Upper Intermediate
- □ Score: 53/100 Mar 2023
- $\,\Box\, \mathsf{TOEFL}$
- □ Score: 72/94 Mar 2023
- Senior Solution Architect
- ☐ Knowledge of the Linux environment
- □ Former Technical Lead
- □ Former Back-end Developer
- ☐ Customer centric Technical Consultant
- $\hfill\square$ Solid experience in IS applications.
- □ Skills on cybersecurity topics
- □ Skills to support IS changes
- ☐ Certified SAFe Essential
- □ Certified SAFE for Architect
- ☐ Knowledge cloud concepts
- ☐ Knowledge of architecture frameworks
- □ Experienced Information Security
- □ Experienced security architecture
- $\hfill \square$ Experienced Cloud
- $\hfill \square$ Experienced web application security
- $\hfill \Box$ Experienced methodologies
- $\hfill\Box$ Experienced technologies
- Principal Skills
- $\hfill\Box$ Diplomacy, pedagogy and humility
- Questioning and listening to others
- □ Methodical, serious, rigorous
- □ Interdisciplinary teamwork
- ☐ Highly adaptable
- □ Cross-functional leadership skills
- $\quad \ \, \square \ \, Communication$
- □ Project management skills
- Remote worker

INFOS

42 years old

CONTACT

https://www.linkedin.com/in/ultron/

4b69a3812278

EXPERIENCES

■ About me

MAILLET Hugues - Since April 1998

■ Senior Solution Architect

- □ Atypical profile
- ☐ More than 14 years of experience in hardware and software
- ☐ Start software development at 14 on qbasic and turbo pascal
- ☐ Enthusiast on all technological subjects
- □ Specialized in architecture and systems in back-end and API
- ☐ Technician with vision with dirty hands
- □ Open Source Solution Architect
- □ Specialized on Linux and Posix / API Architecture / Distributed Architecture / HA
- □ Experienced with Micro-Service Architecture deployments
- □ Infrastructure Architect on Linux & Microsoft Azure & Scaleway
- □ Architect L1 Certified Since 2020
- □ IAF L1 Certified Since 2021
- ☐ Leading Safe 5 / Safe 5 Agilist Certified Since 2022
- □ Safe 5 for Architect Certified Since 2022
- □ Methodologies: SAFE 5, Agile At Scale, Lean, +9 years of experience on Agile projects
- ☐ Knowledge of architecture frameworks (e.g. IAF, TOGAF)
- □ Participate in a community of more than 1200 architects and technical referents

■ Knowledge on Cybersecurity

- □ Acting as Cyber Security Architect & Project Security Manager
- ☐ Analyze security needs and perform the security risk analysis of the project
- □ Verify that the proposed technical and functional solutions meet the identified security requirements
- □ Define additional security measures to address the risks
- □ Contribute to qualifying residual security risks before roll out
- □ Support project managers in the design of the architecture, specify the various parameters
- □ Define the technical security requirements for integrating new systems or upgrading existing systems
- ☐ Advise on the choice of technical solutions and recommend secure architectures
- $\ \square$ Regularly review the existing architecture, identify gaps and make recommendations for improving security
- □ Advise on the use and combination of existing security bricks
- ☐ Analyze security risks related to the introduction of new technologies or new information systems
- □ Monitor new threats and take them into account when defining security architectures
- ☐ Report any risk finding of interest to the CISO
- □ Spreading of good security practices (PAS, PCA, Formation, Documentation, Interview)
- ☐ Cloud and On-Premise Security Architecture / Design
- □ Consulting on Security assessment
- □ Deploy component hardening strategies
- Deploy patching management strategies
- ☐ Analysis of IT architecture, Security audit and flaws impact
- □ Conduct a cyber risk analysis
- □ Formalize Technical specifications and Cybersecurity Specifications
- □ Define security concepts and develop system security architectures
- □ Capture requirements, translate into a coherent set of functional and non-functional requirements
- □ Support and manage the implementation of technical solutions
- ☐ Manage technical security tests
- □ Control and plan service continuity
- □ Ensure compliance with security standards
- □ Participation on security infrastructure development (equipments, tools, ...)
- □ Implementation of a plan and technical solution for change concerning GDPR subjects
- □ Technology watch on cybersecurity topics
- □ Self-taught

■ Knowledge on Infrastructure / Software / DevOps / DevSecOps

- □ Experience with administrating and running Linux based systems
- ☐ SRE and responsible of an infrastructure team.
- □ Former Developer, Technical Lead on PHP Framework and Python
- □ Develop, Install, configure and maintain the equipment in operational conditions
- ☐ Guarantee the operability and reliability of the application
- $\hfill \square$ Ensure the installation phases and the RUN of applications in production
- ☐ Instill the Devops culture and implement various tools within the projects☐ Contribute to the development, evolution and maintenance of tools
- □ Specialized in high availability distributed architectures (API, Haproxy, Cluster, CDN, Message broker)



■ Accomplishments as Solution Architect

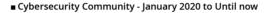




- □ Redesign of legacy architecture based on docker, blue green strategy and implemented strong security and high availability strategies.
- ☐ Participated to roll out of product and assisted the customer and monitoring product day as Infastructure manager.
- □ Work cross-functionally with the sales team, hardware engineering and application developers.
- □ Securing a high availability application architecture on a project of more than 3 years. Implementation of a SIEM to reduce disruptions from potential attackers. Solutions based on a switch to F5 and various monitoring software and an automated incident processing engine (ELK, Graphana, ...).
- ☐ Architecture, development and deployment of an on-call supervision robot with automated processing for the management of a leading railway actor. Cost reduction and efficiency increase.
- ☐ Deployment of a FinOps strategy on Microsoft Azure to reduce infrastructure costs by more than 50% per year by deploying a machine shutdown solution and reducing log consumption.
- □ Member of the technical experts group and solution providers, I have design of the CSR / Green IT certification deployed as part of the engineering and architect certification. Design better approaches to resource reduction (energy, hardware, organizational practice). The result is used by L&D of CAPGEMINI.

Accomplishments Security Architect

Security Architect - Since January 2020



- □ Creating cybersecurity community and acting as Cybersecurity Architect & Local career referent.
- ☐ Main contributor to a popularization community on cybersecurity topics and project monitoring.
- ☐ Support more than 600 users who are architects, engineers, cybersecurity actors, project managers and others.
- □ Deploy new standard of security management and dispatching formation on Secure Coding and Secure architecture.
- ☐ Assisted customer on PRA, PAS redaction documention as Security Project Manager for CAPGEMINI.
- □ Training users and make them ansure users mandatories formation.

■ Cybersecurity Architect - January 2020 to Until now

- □ Confirmed as Security Architect and Security Responsible for projets.
- Deploying GDPR compliance solutions and architecture.
- □ Planning and developing software security strategy (MFA authentification, permissions system, SIEM, SOC...)
- □ Implementation of anonymization architecture with the support of leaders in the field.
- □ Educate and raise awareness on data protection issues.
- □ Requesting changes to information systems to strengthen data protection and deploying solutions.
- □ Analyze the needs and technical constraints of security.
- □ Develop and design the technical architectures following the security recommendations.
- □ Secure the project's software base and its infrastructures.
- □ Define and supervise the evolution of the security of the system and software architectures of the projects.
- □ Consistency with the overall technical strategy.
- □ Ensure the sizing and costing of the recommended solutions.
- ☐ Study and analyze the technical and organizational impacts of the norms.
- ☐ Study and analyze the standard impacts recommended in the development of the project.
- $\ \square$ Guide the technical recommendations of the project by ensuring their compliance with security standards.
- ☐ Write study reports and technical specifications.
- ☐ Guarantee the robustness, resilience and overall compliance of the project with the latest security standards.
- ☐ Monitor the implementation of security recommendations and support the development teams in their daily tasks.
- $\ \square$ Ensure that the development and testing teams have a good command of the technologies.
- $\hfill \square$ Control the risks incurred by the secure remote access project.
- $\ \square$ Ensure technology watch, foresight, and provide advice to the development teams but also to the management.



■ Senior Solution Architect - Security Architect

CAPGEMINI - Since October 2021

■ Customer: Saur

Rusiness areas:

■ Water management and leisure management

General

- IT department Technical Cyber Security Architect
- □ Team based of more than 50 people on France and Morocco
- □ Project Security Manager for CAPGEMINI Team
- □ Cyber Security, Cyber Security Assessment
- ☐ In charge of reviewing Cyber Security Review, Solutioning
- □ Cyber security awareness
- ☐ High Availability System
- ☐ Assist in the roll-out and deployment of new features
- □ Infrastructure knowledge
- □ Project management
- ☐ Write technical cyber security documentation for the company and customers

Roles

- Technical Infrastructure Cyber Security Architect
- □ Contribution to projects architecture definition to minimize cyber risks.
- □ Assessment of existing project risks and possible mitigations.
- □ Evaluation of protection and compliance solutions : endpoint detection, endpoint protection, software composition analysis, vulnerability management.
- $\hfill\square$ Contribution to incident response.
- $\hfill \square$ Ensured efficient flow of technical information, including features analysis.
- $\hfill \square$ Design, Security audit, Vulnerability check and Flaw impact.
- □ Problem solving and Solution maker skills.
- ☐ Knowledge transfer to teams.
- ☐ Provide deep knowledge of customer complex infrastructures and security risks.
- □ Ensure progress reporting to cyber security council and product council.
- □ Support and supplement during requirements engineering.
- □ Justify solutions and technology choices to customer and teams.
- ☐ Recommandation for maintain platform intended for production systems.
- ☐ Guidance on best security practices
- ☐ Facilitate technical workshops within the company and customer representatives.
- \Box Be in direct contact with the customer CISO, users, technicians and representatives of the customer.

■ Senior Solution Architect - Security Architect | CISO

CAPGEMINI - Since October 2021

■ Customer: Wolkswagen Financial Services

Business areas:

■ Automotive financial services provider | Financial Services

General:

- IT department Technical Cyber Security Architect
- $\hfill\Box$ Team based of more than 50 people on France and Portugal
- $\hfill \square$ Acting CISO for CAPGEMINI Team
- $\hfill\Box$ Cyber Security, Cyber Security Assessment $\hfill\Box$ Safe Agile, Agile At Scale
- $\ensuremath{\square}$ In charge of reviewing Cyber Security Review, Solutioning
- □ Cyber security awareness
- $\hfill \square$ Infrastructure knowledge
- $\hfill \square$ Write technical cyber security documentation for the company and customers

- Acting as CISO for CAPGEMINI Team
- □ Contribution to projects architecture definition to minimize cyber risks.
- ☐ Assessment of existing project risks and possible mitigations.
- □ Evaluation of protection and compliance solutions : Analysis, vulnerability management.
- □ Contribution to incident response.
- ☐ Ensured efficient flow of technical information.
- □ Design, Security audit, Vulnerability check and Flaw impact.
- □ Problem solving and Solution maker skills.
- ☐ Knowledge transfer to teams.
- □ Provide deep knowledge of customer complex infrastructures and security risks.
- ☐ Ensure progress reporting to cyber security council and product council.
- □ Support and supplement during requirements engineering.
- ☐ Guidance on best security practices.
- ☐ Facilitate technical workshops within the company and customer representatives.
- $\ \square$ Be in direct contact with the customer CISO, users, technicians and representatives of the customer.



■ Senior Solution Architect | SRE | Infrastructure manager

CAPGEMINI - October 2019 to December 2022

■ Customer: Thalys / Eurostar

Business areas:

■ Rail transport | E-Commerce

General

- IT department Technical Architect member
- □ Team based of more than 20 people on France and Morocco
- □ Infrastructure Architecture Design
- □ Project Security Manager for CAPGEMINI Team
- □ DevOps, SRE approach
- □ In charge of Infrastructure
- □ High Availability System On Microsoft Azure (newrelic, kibana, jenkins, sonar, Azure, AG, VM, Load Balancer, Swarm, Cluster, Blue/ Green etc ...)
- ☐ Assist in the roll-out and deployment
- □ Infrastructure knowledge on ubuntu architecture, linux, Microsoft Azure
- ☐ Write technical documentation for the company and customers
- □ Cost management and FinOps

- Technical Infrastructure Architect | SRE
- □ Infrastructure Manager 8 members.
- ☐ Member of decisional board as Head of Infrastructure.
- □ 24x7 rotation for second-tier escalations.
- □ Budgeting and technical cost evaluation on projects.
- ☐ Monitoring Infrastructure (Kibana, Newrelic, Microsoft Azure).
- □ Problem solving and Solution maker skills.
- ☐ Knowledge transfer to teams.
- □ Provide deep knowledge of customer complex infrastructures.
- ☐ Ensure progress reporting to architect council and product council.
- $\hfill \square$ Support and supplement during requirements engineering.
- □ Propose and justify solutions and technology choices.
- ☐ Monitor and guide Infrastructure implementation to meet scheduled milestones.
- ☐ Perform required changes on infrastructure as and to ensure maintenance.
- □ Define and perform change.
- ☐ Maintain platform intended for production systems.
- ☐ Guidance on best infrastructure practices.
- □ Facilitate technical workshops within the company and customer representatives.
- $\ \square$ Be in direct contact with the users, technicians and representatives of the customer.

■ Senior Solution Architect | SRE

CAPGEMINI - October 2018 to October 2019



Industrialization and Architect on Run Team, lead player in the Luxury sector world wide

Business areas

■ Retail | Luxury | E-Commerce | Cloud | Hosting | Technologies

General:

- IT department Technical Arch:tect member
- □ Software Architecture Design.
- ☐ Agile, Scrum and DevOps approach.
- □ In charge of deployment and release.
- \Box Assist in the roll-out and deployment of new product features and installations to facilitate rapid iteration and constant growth.
- □ Infrastructure knowledge on ubuntu arch:tecture, l:nux, Azure.
- □ Project management.
- □ Write technical documentation for the company and customers.
- ☐ Fluency in oral and presentation.
- □ Cost management.

- Technical Lead Infrastructure Architect | DevOps | SRE
- $\hfill \Box$ Active member in Sysadmin / SRE team 6 members with a project of 100 peoples.
- □ Budgeting and technical cost evaluation on projects.
- □ Provide deep knowledge of customer complex infrastructures.
- ☐ Manage the schedule and ensure progress reporting to team leader and architect council.
- □ Problem solving and solution maker skills.
- □ Prioritization of needs within application's roadmap.
- □ Support and supplement during requirements engineering.
- □ Propose and justify software design solutions and technology choices.
- □ Liaise with development teams, and participate in development to represent company.
- ☐ Monitor and guide software implementation to meet scheduled milestones.
- □ Ensure infrastructure change: newrelic, kibana, ansible, jenkins, sonar, bitbucket, Nexus, Azure, S3, Aws.
- □ Perform required changes on applications as well and to ensure maintenance.
- □ Define and perform integration.
- ☐ Maintain platform intended for production systems.
- $\hfill \square$ Guidance on best software practices within company and the end customer.
- $\hfill \square$ Facilitate technical workshops within the company and at the customer.
- $\ensuremath{\square}$ Be in direct contact with the users, technicians and representatives of the customer.
- □ Performance metrics.



■ Technical Lead Back-end / Symfony / DevOps

SENTINELO - March 2017 to October 2018

■ Customer: Le conservateur | Marionnaud | E.Leclerc | Auchan | Castorama | Boulanger

Rusiness areas

■ Retail | Healthcare | Insurance and Bank | Technologies

General:

- IT department management member
- ☐ Oriented Backend Api Architecture on REST API projects.
- □ Software Architecture Design.
- ☐ Agile, Scrum and DevOps approach.
- □ In charge of back-end application and quality studies on 2 products.
- □ Infrastructure knowledge on ubuntu architecture, linux.
- □ Project management.
- □ Write technical documentation for the company and customers.
- ☐ Fluency in oral and presentation.

Roles:

- Technical Lead Back-end PHP | DevOps
- ☐ Active member in development team.
- □ Budgeting and technical cost evaluation on projects.
- ☐ Manage the schedule and ensure progress reporting.
- $\hfill \square$ Problem solving skills.
- □ Solution maker skills.
- □ Prioritization of needs within application's roadmap.
- □ Support and supplement during requirements engineering.
- □ Propose and justify software design solutions and technology choices.
- ☐ Liaise with development teams, and participate in development to represent company.
- ☐ Monitor and guide software implementation to meet scheduled milestones.
- ☐ Ensure application development.
- □ Perform required changes on applications as well and to ensure maintenance.
- □ Define and perform integration, verification and validation test procedures.
- □ Install and validate deliverables at the end customer's premises.
- ☐ Maintain and upgrade software intended for production systems.
- □ Define load tests on APIs and infrastructures.
- $\hfill \square$ Guidance on best software practices within company and the end customer.
- ☐ Facilitate technical workshops within the company and at the customer.
- $\hfill \square$ Be in direct contact with the users, technicians and representatives of the customer.
- □ Build automation and test automation.
- ☐ Automated instances deployment with ansible.
- □ Performance metrics on APIs.
- $\hfill \square$ Write API documentation for the company and customers.

■ Technical Consultant / Symfony / Zend / DevOps

SOGETI - May 2013 to March 2017

■ Customer: SFR Business

Telecommunications Operator, the branch of Altice France's telecom activities. The business division is aimed at companies (Canal+, TF1, France2, M6, etc...) and offers cloud and CDN services.

Business areas:

■ Telecommunications Operator | Network | Cloud | Hosting | Mobile telephony

General

- Technical Consultant Sogeti (Capgemini) with Cloud Division as Customer
- $\hfill \square$ Oriented Fullstack with API based applications for CLOUD, EOC, CDN, MONITORING.
- $\hfill \square$ Agile, Scrum, Kanban and DevOps approach.

- lacktriangle Technical Consultant PHP | Fullstack | DevOps
- $\hfill\square$ Customers satisfaction and relational skills.
- ☐ Be in direct contact with the users and representatives of the client.
- □ Ability to work within strong load environment.
- ☐ Active member in development team.
- □ Ensure application development.
- □ Problem solving skills.
- □ Support and supplement during requirements engineering.
- □ Propose and justify software design solutions and technology choices.
- □ Define and perform integration, verification and validation test procedures.
- □ Install and validate deliverables at the end customer's premises.
- ☐ Maintain and upgrade software intended for production systems.
- ☐ Guidance on best software practices for customer and new team member.
- ☐ Write API documentation for the company and customers.



■ Technical Consultant / Zend

SOGETI - October 2012 to April 2013 - Full-time - France

■ Customer: Camping-and-co.com

Technical Consultant on major player specialized in high standard of quality in leisure accommodation with international reservations.

Business areas:

■ Leisure accommodation | Online tourism | Travel

General:

- Technical Consultant Sogeti (Capgemini) with IT department management as Customer
- □ Oriented Fullstack with API based applications for MONITORING, ARCHITECTURING.
- □ Agile approach.

Roles:

- Technical Consultant PHP | Fullstack oriented DevOps
- □ Customers satisfaction and relational skills.
- $\ \square$ Be in direct contact with the users and representatives of the client.
- ☐ Ability to work within strong load environment and stress for a startup company.
- ☐ Active member in development team.
- ☐ Ensure application development.
- $\hfill \Box$ Perform required changes on applications as well and to ensure maintenance.
- □ Problem solving skills.
- □ Solution maker skills.
- □ Support and supplement during requirements engineering.
- □ Propose and justify software design solutions and technology choices.
- □ Install and validate deliverables at the end customer's premises.
- ☐ Maintain and upgrade software intended for production systems.

■ Technical Software & Technical Consultant

SOGETI - Iuly 2011 to October 2012 - Full-time - Paris - France

■ Customer: Wide Projects Spectrum

Technical Consultant for high added value companies (Partouche Technologie, Veolia, Ouest France, etc ...).

Business areas

■ Consulting | B2C | E-Commerce | Leisure and games | Press and Newspaper | Hosting | Technologies

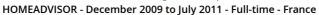
General:

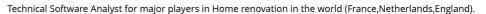
- IT department Technical Software & Technical Consultant
- $\hfill \square$ Worked on several dozen projects with a high technical challenge.
- ☐ Write technical documentation for the company and customers.
- □ Oriented Fullstack | Infrastucture & DevOps
- □ Agile approach.
- ☐ Assist in the roll-out and deployment.
- □ Fluency in oral and presentation.

- Technical Software & Technical Consultant
- □ PHP/JS | Fullstack oriented | Infrastructure
- \square Customers satisfaction and relational skills.
- □ Work with internatinal team.
- \square Geographical displacement to be closer to the client's teams.
- ☐ Ability to work within strong load environment and stress and multiple changes.
- $\hfill \square$ Ensure application development.
- $\hfill \square$ Perform required changes on applications as well and to ensure maintenance.
- ☐ Customers satisfaction and relational skills.
- $\hfill \square$ Be in direct contact with the users and representatives of the customers.
- $\hfill \square$ Ability to work within strong load environment and stress for a startup company.
- $\hfill\square$ Active member in development team.
- $\hfill \square$ Ensure applications development.
- $\hfill \square$ Perform required changes on applications as well and to ensure main tenance.
- $\hfill \square$ Support and supplement during requirements engineering.
- $\hfill \square$ Propose and justify software design solutions and technology choices.
- □ Install and validate deliverables at the end customer's premises.
 □ Maintain and upgrade software intended for production systems.
- □ Problem solving skills.
- □ Solution maker skills.
- □ Support and supplement during requirements engineering.
- $\hfill \square$ Propose and justify software design solutions and technology choices.
- □ Install and validate deliverables at the end customer's premises.
- $\hfill\square$ Maintain and upgrade software intended for production systems.



■ Technical Software Analyst PHP | Fullstack





In France, trade mak is Travaux.com and in the world HomeAdvisor International / Service Magic

Business areas:

■ Home renovation work | B2C | E-Commerce | Hosting | Technologies

General:

- IT department Technical Software analys member
- $\hfill \Box$ Teams based on more than 200 people on France and more than 900 in the world
- ☐ Write technical documentation for the company and customers
- □ Oriented Fullstack
- ☐ Agile approach.
- ☐ Assist in the roll-out and deployment
- ☐ Fluency in oral and presentation

- Technical Software Analyst
- □ PHP/JS | Fullstack oriented.
- □ Customers satisfaction and relational skills.
- ☐ Be in direct contact with the CTO and Founder.
- □ Work with internatinal team from United Kingdom, Netherlands and USA.
- $\ \square$ Ability to work within strong load environment and stress for a startup company.
- ☐ Active member in development team and specialized on delivery billing on automated system.
- ☐ Ensure application development.
- □ Perform required changes on applications as well and to ensure maintenance.
- □ Problem solving skills.
- □ Solution maker skills.
- ☐ Support and supplement during requirements engineering.
- ☐ Propose and justify software design solutions and technology choices.
- □ Install and validate deliverables at the end customer's premises.
- ☐ Maintain and upgrade software intended for production systems.



■ Technician and Programmer on industrial robotics

ADECCO - June 2003 to December 2009 - Full-time - Lyon - France



Technician on industrial robotics and computer numerical control machining robots.

I used a professional activity in order to finance my course and perfect my skills in the computer field: hardware and software

I was able to value these years in particular by conceiving various software solutions, application architecture and infrastructure.

It is necessary to have a level of training in order to obtain the grade of engineer and to integrate a computer service company.

I reached the level of maturity necessary to be positioned in front of software engineers.

The skills acquired are: embedded systems, software solutions for management systems, automation, websites, software specialized in business intelligence.

I have also benefited from a privileged accompaniment to access to a professional reconversion. I specialized in linux and the ecosystem that revolves around it.

Business areas:

■ Industrial systems | Automotive | Aeronautics | Aerospace | Train equipment

Conoral

- Mechanical department and motor vehicle
- □ Industrial Robotics for Manufacturing FANUC
- □ CNC machining robots
- □ Team based on more than 15 people on France
- ☐ Write technical documentation for the company and customers
- ☐ Management of material traceability
- □ Industrial metrology for product and service quality control

Roles:

- Technician on industrial robotics
- $\hfill\square$ Development of technical files methods.
- □ Establish and write technical specification of need (TSN).
- $\hfill \square$ Use of programming console for G-Code language.
- ☐ Use and program a robot in G-Code language.
- $\hfill \square$ Establish technical specifications.
- $\hfill \square$ Manage inputs/outputs (peripheral elements).
- □ Parameterization of embedded load data.
- ☐ Structure, create, modify and test programs (iR Diagnostic).
- ☐ Setting and visualization of inputs / outputs (I/O).
- ☐ Management of production cycles.
- $\hfill \square$ Backup / transfer of robot files.
- ☐ Presentation of axis calibration modes (realization of the Quick Master mode).
- $\hfill \square$ Use of remote control signals (UOP).
- $\hfill \square$ Deployment of robotics and automation solutions.
- $\hfill \square$ Design and develop programs, set-up and computer applications.
- □ Design theoretical models (calculation, simulation, modeling).
- $\hfill\Box$ Determine corrective measures.
- $\hfill\Box$ Deployment of validation tests.
- □ Reactivity.
- □ Problem solving and Solution maker skills.
- ☐ Knowledge transfer to teams.
- □ Autonomy.
- □ Maintain robots.

Adecco

■ Computer Numerical Control Machine Operator

SAFRAN - July 1998 to August 1998 - Internship - Lyon - France



■ Customer : Safran

SNECMA gave after its merger with SAGEM the company SAFRAN. SNECMA or CARBONE INDUSTRIE no longer exist.

I discovered the world of the aeronautics and robotics industry at one of the subsidiaries making the Vulcan engines for Ariane 5 and the carbon brake plates for formula 1 and other racing vehicles.

Internship during the vacations during which I evolved in various positions of numerical control machine to press carbon and manipulate carbon to create highly resistant materials.

This experience at SAFRAN / SNECMA allowed me to discover the world of the company, the industry and to better understand the world of workers, managers and different roles that I met.

This allowed me to develop interest in quality, industrialization, techniques in aeronautics and robotics subjects which led me to where I am today as an Technician & Architect.

Programming, Aeronautics, robotics and rockets have remained my passions.

Business areas:

■ Industrial systems | Automotive | Aeronautics | Aerospace | Robotics | Technologies

General

- Mechanical department | Aeronautics & carbon component
- □ Industrial Robotics for Manufacturing
- □ CNC machining robots
- □ Team based on more than 10 people on France
- ☐ Read technical documentation for the company and customers
- ☐ Management of material traceability
- □ Industrial metrology for product and service quality control

Roles:

- Computer Numerical Control Machine Operator
- □ Take orders and ensure the availability of materials.
- □ Report to my managers on the progress of the subjects.
- ☐ To complete the orders to be finished for the day within the allotted time.
- ☐ Respect technical specifications.
- ☐ Management of production cycles.
- □ Determine corrective measures.
- ☐ Deployment of validation tests.
- □ Reactivity.
- □ Problem solving and Solution maker skills.
- ☐ Knowledge transfer to teams.
- $\ \square$ Give instructions and difficulties encountered to teams.
- □ Autonomy.
- □ Maintain robots and others equipement.
- □ Cleaning the workshop at the end of the day.

SKILLS

Soft Skills

Shell scripting

▶ PHP Frameworks

▶ Relational skills	▶ Analytical skills	
▶ Leadership	Spirit of synthesis	
 Flexibility and adaptability 	▶ Ability to gather	
Conscientious	▶ Motivated	
▶ Autonomous	▶ Curious	
▶ Creative	▶ Empathy	
Non-technical team communication	▶ Entrepreneurial	
Result oriented	Problem solver	
 Macro and micro vision of subjects 		
■ Methodological skills	N Agillo	
▶ SAFe	▶ Agile	
▶ Scrum	Architectural Review	
▶ Lean	➤ SRE SecOps DevOps SecDevOps	
 Cybersecurity Review 	Exposure Review Vulnerabilities	
 Test Driven Developement 	▶ Infrastructure Review	
 Behavior Driven Development 	► Code review	
Pair programming		
■ Framework et Language		

Php

Python

■ Technical Skills & Technical Solutions

- System : Posix, Linux, Ubuntu, Redhat
- Message Broker: Gearman, RabbitMQ
- ▶ Database NoSql: MongoDb, ElasticSearch ▶ Cache: Redis, Memcached
- Serveur HTTP: Apache, Nginx, Lighttpd
- Performance/Load balancer: Haproxy
- ▶ Hyperscaler: Microsoft Azure, Scaleway ■
- Programming/Scripting: Php, Python, Bash, Shell, YAML ...
- Search, Kibana, Zabbix, Prometheus, ...
- Storage: S3, Private object storage, DFS, NFS.
- ▶ Builder: Ant, Phing

- Network: TCP/IP, routing, VPN, Firewall
- ▶ Database SQL: MySQL, MariaDb

 - ▶ Api-Docs: Swagger, Postman
 - Orchestration & Controllers: Docker
- Source Manager / Automation / IaC : Vagrant, Ansible, Jenkis, GitLab, Gihub, Bamboo, Bitbucket, Git, Mercurial ...
- ▶ Monitoring : Newrelic, Grafana, Elastic → Frameworks: Symfony, Silex, Zend 1, Laravel, Lumen
 - CI/CD pipeline: lenkins
 - ► Test: PhpUnit, Selenium, behat
 - Source code quality: Sonar, Cast

■ Network flows, OSI model and web services

https, ftp, ftps, ssh, dhcp, dns, tcp, udp

EDUCATION

■ Safe 5 for Architect

SCALED AGILE INC.

Since December 2022

Credential ID: 54704474-5071

Credential Badge: 6b7f5423-e62b-4ded-8720-1c3c6c82bfbf

■ Leading Safe / Safe 5 Agilist

SCALED AGILE INC.

Since December 2022

Credential ID: 84809067-1109

Credential Badge: 331814f7-2de1-4ae0-8b7b-d39b57c82281

■ Green IT Essentials

CAPGEMINI/SOGETI PARIS TRAINING CENTER

Since November 2022

Green IT Essentials by Capgemini University

Architect IAF L1

CAPGEMINI/SOGETI PARIS TRAINING CENTER

Since June 2021

Architect IAF L1 by Capgemini University

■ SecNum Académie

ANSSI - AGENCE NATIONALE DE LA SÉCURITÉ DES SYSTÈMES D'INFORMATION

Since May 2020

SecNum Académie - Mooc Cyber Sécurité ANSSI

Architect L1

CAPGEMINI/SOGETI PARIS TRAINING CENTER

Since April 2020

Architect L1 by Capgemini Board of Architect

Java Advanced

CAPGEMINI/SOGETI PARIS TRAINING CENTER

May 2012 to September 2012

Scrum master PSM I

SCRUM.ORG

Since December 2016

Scrum master PSM I by Scrum.org

INTERESTS

■ Hobbies

- ▶ Photography, Computer assisted music, Computer assisted graphics (prompt), Podcasting
- ▶ Computer science, Home automation, Embedded systems, Robotics

Walk, trail, vtt, urban hike, vtt hike, urban walking

Culture

Music, Americain Action Movies, reading, tv show, restaurant, asian movies