

Tanguy Domergue

Software Engineer and Information Systems Specialist

tanguydom@icloud.com - 07 81 35 41 71

<https://www.linkedin.com/in/tanguy-domergue-493b0b205/>

BOUYGUES | EQUANS

EXPERIENCE

LIEUSAIN

Apprentice Developer Fullstack

Since 2021

Software Development and System Integration

- Produced detailed UML diagrams to document system architectures.
- Developed applications using React and XAML for the front-end and Express and C# for the back-end.
- Created drivers to integrate IoT devices with software via REST APIs.
- Developed a virtual tour of our smart city showroom using React, Three.js, and Node.js to demonstrate our products to clients, deployed using Docker. The virtual experience allowed clients to preview our connected devices in an interactive simulation of the smart city we were showcasing.
- Created data visualisation dashboards using tools such as Grafana and Node-RED, integrating data from multiple databases for monitoring and reporting.

Client Relations and IT Infrastructure Management

- Conducted face-to-face customer visits for live demonstrations of the smart city and related products.
- Held on-site meetings with customers to gather requirements, configure equipment, and provide user training.
- Worked with clients from the French Defence Procurement Agency (DGA), with Secret Defence clearance.
- Experience of working on sensitive projects for clients requiring Top Secret clearance, ensuring strict adherence to confidentiality and security protocols.
- Manage remote IT infrastructures using RDP to configure servers and workstations.
- Controls virtual machines and infrastructure using VMware or Hyper-V, and uses software such as Milestone or Genetec to monitor security infrastructure and devices.
- Assisted network and systems teams with IT infrastructure design, including VLAN configuration, partitioning, and deployment of tools such as Zabbix, WSUS, and Active Directory.
- Maintain the agency's firewall with Fortinet solutions.

EDUCATION

EFREI PARIS | PARIS PANTHÉON ASSAS UNIVERISTÉ

SINCE 2022

Engineering | Software and Information Systems Ranked as the 3rd best French engineering school in computer science by Le Figaro 2024

- Proficient in software development (Java, Python, JavaScript), systems design, databases (SQL/NoSQL), big Data, cloud computing, DevOps (Docker, Kubernetes, Ansible) and cryptography (TLS/SSL for HTTPS).
- Skilled in IT project management (Trello, Jira), agile methodologies (Scrum, Kanban), team coordination and CI/CD practices (Jenkins).
- Expert in application security, data protection, network management and compliance with data protection regulations (GDPR, CCPA).
- Completed a university exchange at the VSB Technical University in Ostrava (Czech Republic)

UPEC : UNIVERSITY OF PARIS-EST CRÉTEIL

2020 - 2022

Computer Science Bachelor

- Proficient in C and Java, using Java Swing to develop graphical user interface applications.
- Knowledge of relational databases, creating basic SQL queries.
- Network administration skills with experience of Cisco equipment and communications protocols.
- Experience in client-server architecture and designing solutions based on user needs. VMC Model

PERSONAL PROJECTS

- Real estate agency website: Developed an MVC based website for a real estate agency using React for the frontend and microservices (Flask, Express.js) for the backend.
- Real-time space strategy game API: Developed an API in C# for a real-time strategy game set in space, with a focus on continuous integration and agile development.
- Event organisation application: Developed an MVC application in Android Studio to organise events in communities across France.
- Film library (Filmotech): Built a film library web app in React, using the TMDB API to retrieve film data.

ADDITIONAL SKILLS AND ACTIVITIES

- Adaptability & Leadership - Demonstrates strong adaptability in dynamic environments and leadership in team settings.
- Investment - Passionate about investing across a range of sectors including equities, cryptocurrencies, venture capital and real estate.
- Languages - Native French, advanced English
- Sports - Marathon running.
- History and Stoic Philosophy - Interested in world history and Stoic philosophy, with a focus on figures such as Seneca, Marcus Aurelius, and Epictetus.
- Travel : Experienced traveller across Europe (Slovakia, Italy, Germany, Poland, Czech Republic, Albania, Croatia, Hungary, England, Netherlands, Spain, Malta), Asia (Thailand), the Americas (Martinique, Dominican Republic)