THEODORE GARSON
FRONT END ENGINEER

I am a frontend engineer who has worked closely with companies and startups in multiple industries from all over the world.

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Singapore 437050

WORK EXPERIENCE

01/2020 - present   *Singapore*

Principal Software Engineer (Edge)
Dell Technologies

Accomplishments

Conceptualised, planned, launched and led international projects, including Edge and IoT solutions.

Ensured deliveries of high quality components through thorough specs and e2e tests.

Promoted the use of Storybook for building guidelines and real-life code samples for Software Engineers.

Contributed to the CI/CD pipelines for all projects I was involved in.

Participated in all phases of the design and implementation process on projects and discovery streams (R&D) I led.

Contributed to technical writing and built best practices leading to increase the quality of the deliveries as well as improving the overall level of team members thanks to peer reviews, mentoring, grooming and pair programming sessions.

Managed an international cross-company team of 5 people in Singapore and Palo Alto for Dell Technologies and VMware.

Initiated contacts with Dell external teams and created connections among Dell serving the common interests of the Edge team.

Worked hand-in-hand with UX teams to help design and implement their design system.

Promoted the use of Agile methodologies through Scrum and Kanban.

Participated in Dell ISG Hackathon and filled a patent request for a Javascript Environment Runtime.

Technologies
Web Components, Javascript, HTML5, CSS3, Git, Jira, GitLab, StencilJS, Storybook, JFrog

02/2019 - 01/2020   *Singapore*

Senior Software Engineer (Front-End)
Singapore Stock Exchange

Accomplishments

Pursued the work established as a consultant and worked on **SGX**'s trade registration platform: Titan OTC (Over-The-Counter).

Built Titan OTC interactive dashboard serving exclusive contents for brokers and traders.

Technologies
Web Components, Javascript, HTML5, CSS3, GraphQL, CMS (Drupal), Git, Jira, Bitbucket, Bamboo

Software Engineer
Maltem

Accomplishments

Worked for **SGX** as a Frontend Engineer developing and proposing new ideas on their new global website **SGX.com** as well as building a homemade component-based framework for **SGX** with **Web Components** technology (for **2 years**).

Started from scratch the new Maltem's social network. Managed the web application platform architecture and introduced web development standards such as cloud solutions, continuous integration and containerisation able to tackle present-day challenges as well as the project's constraints.

Facilitated communication between engineers and business developers for Maltem and its clients.

Added hiring workflow, created technical assessments as well as conducted interviews for candidates.

Engaged Maltem consultants by proposing coding workshop sessions and team building events.

Technologies

Web Components, **Javascript**, **HTML5**, **CSS3**, **Git**, **Node**, **GitLab** and **GitLab CI**, **Docker**, **AWS**

Software Engineer
Flicfit

Accomplishments

Managed the whole web application platform as well as the infrastructure.
Developed a mobile app for scanning human's body part retrieving related informations analysed for creating values to the company.
Improved Flicfit workflow by proposing a new automated solution for mesh processing.

Technologies

Javascript, **HTML5**, **CSS3**, **Git**, **Ruby on Rails**, **three.js**, **Swift**, **Python**, **Blender**, **Meshlab**, **Docker**, **Wercker**, **AWS**

Co-founder
Mes Penates

Accomplishments

Created a platform connecting homes for young workers and student residences wishing to offer housing on a long- or short-term basis with young workers and students looking for alternative housing during their studies, internships or apprenticeships.

Technologies

Javascript, **HTML**, **CSS**, **PHP**, **Symfony**

03/2015 - 09/2015   *Paris, France*

BI Consultant
Keyrus

Accomplishments
Designed and developed business kits for EPM solutions involving architecture of the database following an OLAP model and the implementation of all dimensions.
Managed to create reporting models, dashboards and data integration model campaigns for clients such as **SAVERGLASS** and **GEODIS**.

Technologies
SAP BPC, **SQL Server**

08/2014 - 05/2015   *Paris, France*

Informatics Teacher
Ward Office of Paris (XV)

Accomplishments
Contributed to solidarity by helping isolated people. Managed a team of 5 persons and reorganised the schedule to create smaller groups according to the different levels of the participants as well as supervising their progress and the team of educators.

09/2012 - 08/2014   *Paris, France*

Software Engineer
Amundi

Accomplishments
Delivered turnkey intranet websites for company users.
Analysed, designed, developed, tested, deployed, maintained and improved solutions as well as training collaborators of the company through workshop sessions and IT popularisation guides.

Technologies
SharePoint 2010, **C#**, **PowerShell**, **Javascript**

09/2010 - 08/2012   *Charmes, France*

System Administrator
Maguin S.A.S

Accomplishments
Maintained Maguin IT infrastructure as well as developing in-house automation solutions and contributing to Maguin's ERP.

Technologies
Bash, UNIX, GNU/Linux, Windows, VMWare

EDUCATION

09/2013 and 09/2015
MASTER OF BUSINESS INFORMATICS
IT Methods Applied To Company Management

University of Évry
Region of Paris (France)

07/2012
TWO-YEAR UNIVERSITY DEGREE IN TECHNOLOGY
Computer Science

University of Valenciennes
North (France)

07/2010
FRENCH SECONDARY SCHOOL DIPLOMA
Science Major

Gay-Lussac High School
Picardy (France)

SOFT SKILLS

Time Management

Analytical Thinking

Communication

Teamwork

Leadership

HIGHLIGHTS

- Elected to the executive Board of the University of Évry
- President of the MIAGE Students Office of the University of Évry
- Taking part in an International Exchange with the Civic Service (FLASEN) in Ukraine (Lviv)
- Taking part in an exchange with Oviedo University (Spain) for a development project
- Taking part in Créa Sup' 2012 Entrepreneurship Competition as team manager

LANGUAGES

French - Native
English - Fluent
Spanish - Basics

SPORTS

Judo (20 years) - Black belt
Muay Thai

MUSIC

Guitar (10 years)

TRAVELS

Europe, North America, Asia