

Mail address:
La Berjonnais
85000 Moulleron-le-Captif
France

Phone number:
+33 7 83 35 59 85

E-mail:
michon.doucet.aurelien@gmail.com

Aurélien Michon

DevOps Engineer / ABA / Full Stack Developer

Through my life experience, I've grown very adaptable to new situations. Living abroad and visiting many countries has made me aware of how needed humanitarian relief can be. I've always been interested by information technologies and now that I've developed my skillset, I'm looking for a way to help people through my work.

PROFESSIONAL SKILLS

Development

- Python, Qt, Java
- Bash and powershell scripting
- Experienced with both SQL and NoSQL databases
- REST APIs

Operations

- CI/CD pipelines
- ELK stack monitoring
- Jenkins ecosystem
- Azure cloud tools
- Docker and Singularity

Communication skills

- Great at summarizing information
- empathic and understanding

Mindset

- Patient & open minded
- Honest & straightforward
- Always willing to improve
- Very mindful of objectives

Languages

- French
(mother tongue)
- English
(C1, Cambridge certificate of advanced english)
- Spanish
(C1, lived 3 years in Ecuador and 2 in Uruguay)
- Portuguese
(B2, lived 5 years in Brazil)

WORK EXPERIENCE

Renault SAS - Paris, France

Sep 2017 - Sep 2020
3 years

Junior DevOps Engineer

Project: Autonomous Driving massive simulator

This work experience was extremely valuable as I had the opportunity to work on the whole project, as I was there from the tender of the infrastructure until the project was finished.

Some notable tasks done during those years at Renault's Technocenter :

- Setup the CI/CD for the High Performance Calculations API.
- Setup automatic unit testing with Jenkins and develop the tests with PHPUnit.
- Continuous improvement in our usage of a postgres database while the needs grew exponentially from nothing to data converging thousands of jobs with tens of millions of kms of simulation results.
- Create monitoring dashboards on Kibana and Grafana for incident prevention, response and investigation. I also had to setup the creation/gathering of internal logs and their transfer to our ELK stack (using the RabbitMQ message broker).
- Industrialisation of automatic VM creation for the simulations on Azure through Azure DevOps.
- Setup automatic alerting with Azure's Application Insights.
- Worked on optimising the use of calculation resources by using an AI model made with azure machine learning. Python script in a singularity container.

Renault / RNTBCI - Mahindra World City, India

Jan 2020 - Mar 2020
3 months

Mission as Agile Business Analyst

Project: Scenario Factory

Needs analysis for the Scenario Factory team, related to the AD-CAE platform.

Fruitful interactions with about 30 co-workers to write detailed user stories for the next six months of development and made great improvements to the project roadmap for the following two years.

Ciril Group - La Roche sur Yon, France

Jul 2017 - Aug 2017
2 months

Internship as a Junior Developer

Work on a human ressources management software written in Java.

Successfully developed an interface between the app and Microsoft Windows' LDAP, in particular focusing on updating databases and cross checks. Work on the UI/UX of the software's light client.

VESTED INTERESTS	
<p>IT sciences Specifically softwares and IA</p> <p>Literature Science fiction and fantasy</p> <p>Games Tabletop and videogames</p> <p>Travels and foreign cultures</p>	<p>Michelin - La Roche sur Yon, France Industrial internship Jan 2016 1 month Work at the quality check and matter recycling section of one of Michelin's heavyweight tire factory.</p> <p>MCH - Annecy, France Craftsman internship Nov 2014 - Fev 2015 4 months Complete renovation of a house (walls, floors, roofs, electrical and plumbing installations).</p>
REFERENCES	EDUCATION
<p>Julien Nauroy Technical Leader and Product Owner, Renault SAS julien.nauroy@renault.com</p> <p>Philippe Lefebvre ABA chapter manager, Renault SAS philippe.lefebvre@renault.com</p> <p>Jean Paul Boufflet Professor, University of Technology of Compiègne, jean-paul.boufflet@utc.fr</p> <p>Hicham Lakhlef Associate Professor, University of Technology of Compiègne, hicham.lakhlef@hds.utc.fr</p>	<p>UNIVERSITY OF TECHNOLOGY OF COMPIÈGNE - SORBONNE UNIVERSITÉS GRADUATE SCHOOL OF ENGINEERING (COMPIÈGNE, FRANCE) ENGINEER DIPLOMA OBTAINED IN APPRENTICESHIP Sep 2017 Jun 2020</p> <p>UNIVERSITY OF PICARDIE JULES VERNE TECHNICIAN SCHOOL (AMIENS, FRANCE) COMPUTER SCIENCES TECHNICIAN DIPLOMA Sep 2016 Jun 2017</p> <p>ECOLE 42 (PARIS, FRANCE) "PISCINE, LANGUAGE C" - ONE MONTH FULL TIME AT THE SCHOOL TO LEARN ALL ABOUT PROGRAMMING IN C July 2015</p> <p>UNIVERSITY OF TECHNOLOGY OF COMPIÈGNE - SORBONNE UNIVERSITÉS COLLEGE PREPARATORY SCHOOL (COMPIÈGNE, FRANCE) Feb 2015 Jun 2016</p> <p>LYCÉE JULES SUPERVIELLE (MONTEVIDEO, URUGUAY) SCIENCE BACCALAUREAT, OBTAINED WITH HONORS Nov 2014</p>