

Caio Fleury - Technical Leader

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[Portfolio Website](#) | [LinkedIn Profile](#) | [Github Profile](#) | [Kaggle Profile](#) | [Docker Profile](#) | [NPM Profile](#)

EXPERIENCE

SunDevs

Dec 2022 – Present

Technical Lead & Staff Engineer

Miami, Florida [Remote]

- Spearheaded the development of an user loyalty program for our client's ecommerce platform. Increased sales by 25%
- Lead the implementation of our SaaS platform in multiple new countries. Securing new revenue streams and customers
- Lead the development of a low-code chatbot platform leveraging AI and API composition to create custom workflows

Employed Tech Stacks — Node.js, Serverless, Nest.js, MongoDB, DynamoDB, AWS Lambda, AWS SQS, AWS Step Functions, GO

Senior Software Engineer

Apr 2022 – Nov 2022

- Optimized the process of sending notifications to devices. Improved time by 300%, reduced the CPU usage by 30%
- Implemented a progressive caching layer reducing app data consumption by over 50% and increasing uptime to 99.9%
- Developed an ecommerce shopping fee program. Earning hundreds of thousands of dollars in revenue for our clients

Employed Tech Stacks — Node.js, Serverless, MySQL, Mocha.js, AWS Lambda, AWS SQS, AWS EventBridge, Firebase, Redis

MSDK Research

Jul 2020 – Mar 2022

Full Stack Software Engineer, Data Scientist

Sliven, Bulgaria [Remote]

- Developed a management dashboard application, ResQ. Pitched the app to investors acquiring a pre-seed investment
- Implemented systems for [automated testing](#) and debugging. Preventing errors and decreasing server downtime by 30%
- Developed the [back end server](#) and web application for the ResQ system for tracking and configuring IoT devices
- Developed a [data analysis project](#) automating the search for funding opportunities, reducing time cost by over 100%
- Implemented and tested computer-vision neural networks for anomaly detection, fall detection, and more

Employed Tech Stacks — TypeScript: Angular, Material, Leaflet, PouchDB, GraphQL, Lodash, Mapbox | PostgreSQL | JavaScript: Node.js, Mocha.js, Lodash | Python: TensorFlow, Scikit-learn, Torch, Pandas, Matplotlib | GO: Prometheus, Protobuf

Qoollo

Jun 2019 – Jun 2020

Junior Full Stack Software Engineer, Junior Data Scientist

Moscow, Russia

- Developed custom-fit back end web servers and APIs. Deployed respective servers in a [Docker](#) container
- Delivered a quantitative analysis of the error margin of tens of different image recognition neural networks
- Created a C++ based software that identified car license plates and models via a recurrent neural network

Employed Tech Stacks — JavaScript: Node.js, Express, MongoDB, Docker | C++: Darknet, .NET

Kickidler

Sep 2018 – Apr 2019

Software Engineer, Technical Support

Moscow, Russia

- Developed a [fullstack app](#) that creates budget quotes in 4 languages, reducing the cost for this task by over 50%
- Delivered on-demand IT support to international clients. Diagnosed and fixed software errors in the client's machine

Employed Tech Stacks — JavaScript: React.js, Node.js, Express, MongoDB | PostgreSQL

EDUCATION

Bachelor of Computer Science, First-Class Honors

University of London

- Publications: Fairness and Bias in Machine Learning

Information Analytics & Political Technologies

Bauman Moscow State Technical University

- Awards: European Engineering Championship, 1st Place, Team Captain; Bauman Case Cup, 1st Place, Team Captain

OTHER

- **Certifications:** [Data Science Professional Certificate](#) (IBM), [Object-Oriented Programming](#) (Goldsmiths), English as a Foreign Language (TOEFL), Russian as a Foreign Language (MSU), Technical Engagement (UNESCO)
- **Volunteering:** WebDev Teacher (Impacta Jovem Brazil), Intercultural Counselor (American Field Service Brazil)
- **Languages:** Portuguese (native), English (fluent), Russian (fluent), Spanish (fluent), French (beginner)
- **Soft Skills:** Teamwork, Public Speaking, Project Management, Flexibility, Pitching, Agile, Leadership, Remote Work
- **Technical Skills:** AWS, Serverless, JavaScript, TypeScript, Python, GO, Node, SQL, noSQL, Redis, PostgreSQL, MySQL, Docker, Scikit-learn, TensorFlow, NLTK, Jupyter, Torch, Pandas, Matplotlib, Selenium, Django, NLP, React, Angular, Express, Lodash, Mocha, HTML/CSS, JSON, Prometheus, Protobuf, C++, Linux, Bash, CI/CD, QA/QC, Excel, Jira, Github, Figma, UML, Heroku, Firebase, Flutter