https://github.com/Bajocode   **F A B I J A N   B A J O**   (+31) 6 52 63 07 98 - Bajo09@gmail.com

EMPLOYMENT

DevOps / Solutions Engineer   **IBM**   **Mar 2019 - Now**

Project Vinturas – The vehicle supply chain, IBM's 4th biggest blockchain project (Amsterdam)
- Designed and implemented the infrastructure architecture with 2 successfully deployed international MVP's
- Created a Terraform Kubernetes based blockchain blueprint, reducing cost and human error for new projects
- Translated Hyperledger images into custom Helm charts for Kubernetes, reducing configuration complexity
- Integrated monitoring and logging, reducing pod failures by 80% through improved resource allocations
- Written a blockchain replicator for mirroring the world state database, increasing query speeds up to 200%

Project Interville - Blockchain network for the National Council of Clerks (Paris)
- Designed a Kubernetes based CI CD pipeline and boilerplate, successfully introducing automation to the team
- Supported with Kubernetes on-premise production hardening and preparing for the first release

IBM Internal Blueprint Toolchain Project
- Created custom helm charts and pipelines for Jira, Bitbucket an Concourse CI deployed on Kubernetes

Lead / Full Stack Engineer   **IBM**   **Nov 2017 - Feb 2019**
- Lead: successfully lead an on-premise migration of 4 new (12-factor) microservices to AWS
- Lead: promoted to Mobile Lead in Feb 2018; supervised 7 – 10 Engineers, conducted over 20 interviews
- iOS: proposed and implemented a new software architecture, introducing; MVVM and RxSwift
- iOS: refactored the end to end test suite, improving readability with less Cucumber definitions
- Backend: introduced the repository pattern for our database infrastructure layer, reducing query complexity
- Backend: written a telemetry layer with StatsD for seamless (white-box) monitoring Datadog integration
- Introduced Docker multi stage builds, reducing final deployable image sizes by 70%

Full Stack Engineer / Owner   **Musso (Own Company)**   **Nov 2016 - Jan 2018**
- Designed, developed and released an iOS gym app

Software Engineer   **CWI**   **Feb 2016 - Oct 2017**
- Built a video streaming app, successfully showcasing Software Defined Networking (SDN) capabilities
- Wrote an API to support a custom SDN protocol, allowing for communication with a dedicated SDN router
- Increased network disruption tolerance with 50% by segmenting video uploads into smaller chunks

Co-Owner & Web Developer   **Deus Media**   **Nov 2014 – Sep 2016**
- Built websites in HTML, CSS, JavaScript

Hybrid Mobile Dev Intern / Lead   **Jogo Jogo**   **Sep 2014 – Jan 2016**
- Built mobile kids apps with Xamarin, Appcelerator Titanium and Embarcadero FireMonkey
- Promoted to Project Lead after 4 months, supervising remote and on-site engineers and designers

EDUCATION

Netherlands, NH   **University of Amsterdam**   **Sep 2011 – July 2016**
- M.S.C. in Computer and Information Science (2016)
- B.A. in Information Studies & Digital Media with Minor in Computer Science (2014)

CERTIFICATIONS, PERSONAL PROJECTS AND AWARDS
- IBM Certifications (2019): various technologies - https://www.youracclaim.com/users/fabijan-bajo/badges
- Notes (2019): Cloud-Native Microservices demo app in TypeScript, Swift, K8S, MongoDB and ElasticSearch
- Kubernetes Webhook (2019): a Helm chart based webhook listener for plug and play CI/CD
- Portfolio website with ReactJS, Docker and Kubernetes (2019) - https://portfolio.fabijanbajo.com
- Heart Disease Prediction (2018): Python / Jupyter machine learning project for predicting heart disease
- Certified Scrum Master PS-1 (2018) - https://www.scrum.org/certificates/305206

LANGUAGES AND TECHNOLOGIES
- Languages: TypeScript, Javascript, Swift, Objective-C, Python, Go
- Infra: K8s, Terraform, Docker, Helm, Skaffold, IBMCloud, AWS, GoogleCloud, Splunk, Datadog, Sysdig, LogDNA
- CI/CD: Gitlab CI, Tekton Pipelines, Concourse CI, Jenkins
- Frontend: iOS, ReactJS, HTML, CSS
- Backend: Fabric Blockchain, NodeJS (Hapi, Exress, Nest), Go Gin-Gonic
- Database: MongoDB, Postgres, CouchDB, LevelDB, Redis, ElasticSearch