Samy CHBINOU

Continuous Integration Workflows Engineering

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https://chbinousamy.github.io/resume/resume.pdf

English, Italian, French

BACKGROUND

ABOUT

Neutral and Independant, Telco & Software engineering education, with many years in Software Development Life Cycle I write workflows to Continuously Explore, Build, Test & Deliver Software Packages. I look forward to position myself in solid structures that help me to move forward.

WORK EXPERIENCE

Continuous Integration Engineer, GitHub, Antibes 06

Nov, 2021 - Present

I add github workflows on multiple projects to build and test software packages that help me to move forward.

- Add Continuous Integrations workflows to Build and Test packages
- Build and Deploy Docker Containers
- Build virtualized kubernetes releases

DevOps, NAVYA, La Défense 92

Sep, 2021 - Oct, 2021   1 month

NAVYA Drive delivers autonomous driving. In a Agile team of 5 persons I added Gitlab pipelines automation for Continuous Integration Tests. I also setup some Gitlab runners to handle load CI tests. Directly installed on Bare Metal and on some VMs, Virtualbox and AWS

- Continuous Integration GitLab pipelines on self hosted runners
- Build Docker Python Containers
- Build Virtual Machines MaaS images

IA Engineer, VALEO, Créteil 94

May, 2021 - Jul, 2021   1 month

Valeo, In the transversal GEEDS entity, I assist in relocation of the R&D Datacenter from Paris to Créteil.

- Buildx Nvidia python Docker Containers
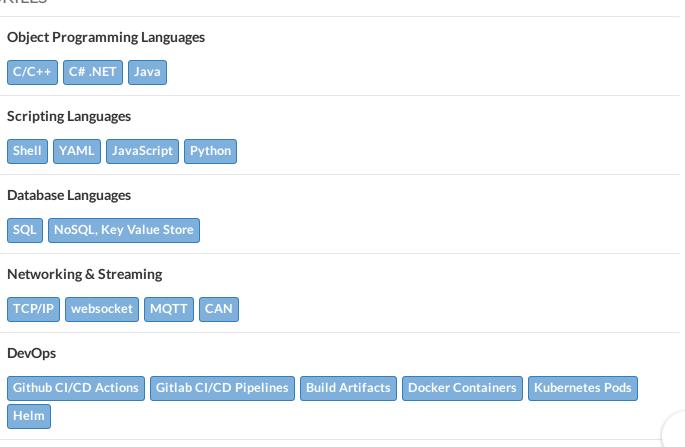- Assistance in relocating a Datacenter from Paris to Creteil

Cloud Native Engineer, Nokia Bell Labs, Nozay 78

Oct, 2014 - Dec, 2020   6 years 2 months

Nokia Bell Labs, Cloud RAN Entity, Cloud for Radio Access Networks which interconnects UE radio devices such as Phones, IoT, Automotive, Virtual Reality User Equipments. I worked as freelance in a 'StartUp Garage'. I setup a On-Prems, PaaS context to make some tests on different types of Cloud Native 5G technologies: storage databases, ethernet over fiber, docker containers and kubernetes clusters, Machine Learning DevOps pipelines

- Wrote Statement Of Work définitions with scope of work, project objectives, task schedules and deliverables
- Benchmarking CPU Offloading on Nvidia GPU, Xilinx FPGA, Ethernet over Optical Fiber (RDMA)
- Java Kafka pipelines & NodeJS Express websockets
- N-Tiers Microservices Architectures: Docker, NoSQL Databases, Kubernetes, Cloud Native Serverless
- Machine learning and Neural Networks Data engineering

SKILLS

Object Programming Languages

`C/C++` `C# .NET` `Java`

Scripting Languages

`Shell` `YAML` `JavaScript` `Python`

Database Languages

`SQL` `NoSQL, Key Value Store`

Networking & Streaming

`TCP/IP` `websocket` `MQTT` `CAN`

DevOps

`Github CI/CD Actions` `Gitlab CI/CD Pipelines` `Build Artifacts` `Docker Containers` `Kubernetes Pods` `Helm`

MLOps

Target Processors

EDUCATION

Digital Communication Systems & Technology, MSc. Engineer, CHALMERS - Göteborg, SWEDEN

Sep, 1996 - Sep, 1997

Telecom and Software Engineering, Engineer, IMT Atlantique (ex Télécom Bretagne)

Sep, 1994 - Jun, 1996

INTERESTS

Open Source

Model Making

DIY

Photography