Samy CHBINOU

DevOps Workflow Engineer

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

English, Italian, French

BACKGROUND

ABOUT

51 years old, Telecom & Software engineering education, I worked in software industry on real time embedded applications for mobile phones, IP multimedia set top boxes. Moreover, lately, I worked in setup Cloud Native infrastructure platforms for software development toolchains, (today called DevOps) for Build and CI/CD Worflows and Data processing in Docker containerization.

WORK EXPERIENCE

Career Break, Relocation, Antibes 06

Oct, 2021 - Present

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

- CI pipelines on Gitlab self hosted runners

- Docker Buildx Python Containers

Artificial Intelligence 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

Platform 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

Career Break,

Apr, 2013 - Oct, 2014   1 year 5 months

Software Test Engineer, Ercom Mobipass®, Vélizy 78

Dec, 2006 - Apr, 2013   6 years 3 months

Ercom, Mobipass®, I developped the Mobipass® project with a 5-100 person Télécom team to make it a recognized working software product. Mobipass® is a lab-based emulation product capable of precise reproduction of the behaviors of thousands of devices with mixed traffic calls and RF conditions experienced on a real network. Its easy-to-use GUI, advanced multi-UE channel emulator, integrated QoS and QoE test features and rich KPI capabilities make it a strong test and measurement addition for mobile network operators deploying advanced broadband networks. As Software engineer, I developed the GUI, User Interface in .NET C# language and did many tests on the TCP/IP Network.

- Processing Network Datagram Blocks: Cut & Reassemble, Encode & Decode
- Object Oriented Programing to Design and Develop the UI in C# .NET
- Continuous Integration and Validation Tests

SKILLS

Programming Languages

`C` `C# .NET` `Python` `SQL` `YAML` `WEB` `JSON` `HTML` `Javascript`

DevOps

`Github CI/CD Actions` `Gitlab CI/CD Pipelines` `Docker Containers` `Microservices Artifacts`

Platforms

MacOS M1 Kubernetes Helm Serverless

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

Photography

DIY