Samy CHBINOU

DevOps Engineer

ANTIBES, FR

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

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. Lately I did Proof of Concepts for Cloud Native infrastructure platforms for Machine Learning, called MLOps, That is DevOps for Machine Learning applications.

WORK EXPERIENCE

Career Break, Relocation

- Present

DevOps, NAVYA

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 runners
- Docker Buildx Python Containers
- MaaS SRE
- Terraform on local VMs and AWS

Artificial Intelligence Engineer, VALEO

May, 2021 - Jul, 2021   2 months

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

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

Platform Engineer, Nokia Bell Labs

Oct, 2014 - Dec, 2020   6 years 2 months

Nokia Bell Labs. I worked as freelance in a 'StartUp Garage'. I setup a small hardware platform to make some tests on different types of technologies: storage databases, ethernet over fiber, docker containers and kubernetes clusters, Machine Learning DevOps pipelines

- Docker, Kubernetes, Databases Storage, Private Cloud and ServerLess platforms
- Machine learning and Neural Networks Data engineering
- Benchmarking CPU Offloading on Nvidia GPU, FPGA
- Benchmarking Ethernet over Optical Fiber (RDMA)

Software Test Engineer, Ercom, Thales Subsidiary

Apr, 2006 - Apr, 2013   7 years 1 month

Ercom is a Thales Subsidiary. I worked in a 10 people Télécom team on Mobipass product, a Functionnal and Stress Test for eNodeB and 4G/LTE Mobiles. As Software engineer, I developped a User Interface in .NET C# language and did many tests on Network Data Encoding and Decoding.

- Integration and Validation Tests
- Network Data Blocks Encoding and Decoding
- C# .NET UI software development
- Functionnal and Stress Tests of eNodeB and 4G/LTE Mobiles

SKILLS

Programming Languages

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

DevOps

`Github` `Gitlab` `CI/CD Pipelines` `Docker`

Platforms

`Linux ARM` `MacOS M1` `Kubernetes` `Helm` `Serverless` `AWS EKS` `GCP GKE`

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

Traveling

DIY

Gardening

Open Source