Thomas **DERUDDER**

SRE ENGINEER · ON BOARD DEVELOPPER

📱 (+33) 6 03 11 44 59 | ✉ thomas@mypatch.fr | 🏠 www.mypatch.fr | athomsAF

Experience

Apprenticeship Data Engineer *France, Paris*
FRENCH ARMY MINISTRY *September 2023 - Today*
- Creation of an offline cluster fully automated
- Creation and management of tools for developpers
- Creation of inteligent on board application for traduction

  SRE,Management of project, Knowledge sharing, Dev-ops, Networking, even computer repair
  Linux, Ansible, Docker, K8S (Kubernetes), Python, pytorch, cpp(arduino + window manager)

Creation Fablab *France,Paris*
FRENCH ARMY MINISTRY *June 2023 - Septemher 2023*
- Creation of a Fablab for the Labo BI at French Army laboratory
- Creation of an application for the management of the FabLab and a website
- Presentation and management of the FabLab

  Group Work, Project Management, Important presentation
  3D Printing, Flutter, Python, Rust, Git

Classroom Instructor *France, Courbevie*
ESILV AND EMLV *2022 - 2023*
- Final Class teacher about electronics (25h)
- Instructor at the Devinci Fablab in Computer Science and Electronics (120h)

  Teaching, Communication, Empathy & Patience

Education

Engineering Degree in Computer Science *France - Courbevoie*
ESILV (ECOLE SUPÉRIEURE D'INGÉNIEURS LÉONARD DE VINCI) *2021-2026*
- Third Year class in Cybersecurity and Cloud Computing
- Work-study with the French Ministry of the armed Force

Extracurricular Activity

Creation of a to do app linked with gitlab & github *Project on mypatch*
GITLAB *May 2024 - Now*
- Creation of a fun project to solve to do list and gitlab + github issues
- Use of pair programming threw multiple projects (anybdd, anygrpc....)

  Rust, GRPC, mysql, git, network
  Team work, gitlab, TDD, Project management

Creation of a bootable archlinux distro *gitlab*
GITLAB *January 2024 - Today*
- Creation of a customm desktop environnemnt from server edition of Archlinux
- Similar project on nixos (gitlab)

  Linux (from scratch), C(dwm), bash, dotfiles

Multiple little projects (finished or not) *gitlab*
GITLAB *January 2024 - March 2024*
- Creation of a dotfile project
- Creation of a portfolio
- Creation of ansible roles: docker, containerd ....
- Creation of some fun ai and web integration (ex: mnist)

  Rust, GRPC, gitlab, sql(postgresql)

Skills

DEV-OPS & Cloud	Docker, K8S, Git, CICD, Web, Web API(REST *fast api, actix* & GRPC *tonic*), SQL, AI (Machine learning and a bit of deep learning)
Programming	Linux, Ansible, Python, Rust, 3D Printing & 3D modeling, DotNET (C#), cpp *for Arduino*, Html, React, LaTeX
Soft Skills	SCRUM, Agile Method, Team Work, Share knowledge
Languages	French (native), English (B2 : TOEFFL), German