

# Guillaume Friloux

## Programmer

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🐙 [gfriloux](#) (github)

📄 [Download my resume](#) (download)

## Work **Software Architect**

**ASP France / AMTrust IT / DSIIG**

Nov 2013 – Dec 2021

Software architect on Backup project.

- Author of Server monitoring software over XMPP (Handles hundreds of servers).
- Portage of apps under Mac OSX, FreeBSD, GNU/Linux, Windows.
- Migration of apps from C to rust.
- Defining new infrastructure for existing projects.

## **C Developer**

**ASP64**

Sep 2007 – Nov 2013

Software architect on multiple projects.

- Seek and removal of software bottlenecks.
- In charge of pentesting softwares.
- Imported EFL into our projects.
- Initiated a project to automate installation and setup of servers using PXE boot and web interface.
- Started a project allowing to manage servers over XMPP, using EFL.
- Started a project that streams syslog messages of servers into an external database (ElasticSearch).
- Rewrote ASP64's backup solutions using EFL.

## **Web developer**

**City council of Ustaritz**

Apr 2007 – Jun 2007

Rewrite of the website from scratch.

## Network Administrator

Airbase 118

Mar 2006 – Jun 2006

Network administrator for army (End of study internship)

- Setup of routers on classified and confidential defense networks
- Replaced internet gateway, adding authentication proxy and filtering.

## Web developer

5th attack helicopter

Jan 2005 – Jun 2005

Wrote a webapp for managing stocks of informatic hardware (School project).

## Education

### IUT des Pays de l'Adour

Networks and telecommunications

Sep 2005 – Jul 2006

Bachelors

## Skills

### Programming

Shellscript C Rust MySQL

### Protocols

XMPP HTTP FTP SFTP

### Operating systems

Archlinux FreeBSD Debian

Gentoo

### Tools

Docker Docker Compose

Gitlab Traefik Valgrind GDB

Rancher 1.7

## Languages

### French

Native speaker

### English

Read/Write