# Intro:

The goal of this document is to describe the specifications for my personal website page.

I will describe its functionality, UX (user experience), UI (user interface) and technical stack.

# The website goal:

My personal web site must help me to:

1. Introduce myself to visitors (employers and customers).
2. Show my web developer skills.
3. Show my portfolio.
4. Show my blog.
5. Share my contact information.
6. Share my resume.

# Description of user experience:

## Visitor’s side:

The one-page web site should be easy to navigate and with responsive design.

All rubrics should be easily accessible from the anywhere.

It should respect WCAG to help people with disabilities visit my site.

Web site also must load quickly.

The visitor must be able to switch between different languages: English, French, etc.

## Admins side:

I want to check number of visitors.

I want to be able to add and easily remove rubrics.

Possibility to add other languages easily.

# Description of user interface:

It will be one-page web site with dark colour theme.

It should have these sections if they are not empty and to have possibility to add sections:

* Personal introduction: Short presentation
* My resume
* My contact information’s
* My portfolio: check how to manage a lot of projects and don’t get a lot of space (ex: carousel)
* My blog: check how to manage a lot of blogs and don’t get a lot of space (ex: carousel)

I will provide wireframes for it.

# Technical Stack

## Requirements for backend:

* Modulable to add or remove rubrics.
* ORM to add or remove content.
* Secure.
* Have logs.

I have experience with Django and it seems to be a good option for all these points.

## Requirements for frontend:

I will use JavaScript to practice with it.

## Requirements for deployment:

Use Amazon Web Services (**AWS**) provides **EC2** (Elastic Compute Cloud) et server Nginx + Gunicorn (WSGI)

Or check how to upload docker image on cloud

Realisation:

1. I started by creating classes UML diagram to clearly understand the structure of my database and information to use for models.
2. In Django:
   1. Creation of project
   2. Creation of apps
   3. Writing models (started with developer and resume models)
   4. Create and make migrations.
   5. Creating a superuser to access admin staff (python3 manage.py createsuperuser)
      1. Login: kolob
      2. Password: 667745