GHISLAIN RODRIGUES

http://www.ghislain-rodrigues.fr

https://github.com/padawin

ghislain.rodrigues@gmail.com

TECHNICAL SKILLS

Computer Languages	**Golang**, **Python**, **C**, **C++**, Bash/Sh, C#, PHP, LaTeX, Erlang (Concepts).
Protocols & APIs	REST, WebSockets, TCP/UDP Sockets.
Databases	PostgreSQL, SQLite, Redis.
Tools & OS	**Git**, Linux (Debian, Fedora), GIMP.
Other	AWS, **Terraform**, **Kubernetes**, TDD/BDD, Debuggers (gdb, pdg).
Game programming	Unity, OpenGL

SELECTION OF PERSONAL PROJECTS

My website　　　　　　　　　　　　　　　http://www.ghislain-rodrigues.fr
Javascript, Python
　　　Portfolio made as a playable game.

German Practice　　　　　　　　　https://github.com/padawin/german-practice
Golang
　　　Tool to help me learn the german declension.

Flood it　　　　　　　　　　　　　　https://github.com/padawin/floodit-clone
C
　　　Casual game where the player has to fill a grid with a single color.
　　　Written in C and SDL2 for the GCW-Zero handheld console.

3D Minesweeper VR　　　　　　　　https://github.com/padawin/MineSweeper-VR
C#
　　　3D Version of the famous game... In VR.

Rogue Card　　　　　　　　　　　　　https://github.com/padawin/RogueCard
C++, SDL2
　　　Rogue like game in the shape of a card game.

Three 2 Fifteen　　　　　　　　https://three2fifteen.ghislain-rodrigues.fr/
Python 3, Flask
　　　Online board game with numbers.

Other projects　　　　　　　　　　　　　　https://github.com/padawin
　　　Most of my projects are available on Github.

EXPERIENCE

Epic Games   January 2022 - Present
Senior Backend Engineer   *Berlin, Germany*

    Golang, AWS stack, Terraform, Kubernetes.

    Maintenance and evolution of an internal media and data streaming platform used by Fortnite (car radio, discover, season launch...).

    Microservice architecture (30+ services), GRPC, SNS/SQS, strong TDD approach

    Implemented cross game technology used to enable players to watch Rocket League World Championship within Fortnite, in maps reacting to the RL stream (https://www.youtube.com/watch?v=87M96bWidYw)

    Contributed to various refactorings and improvements of the platform.

IDAGIO   August 2019 - December 2021
Senior Backend Engineer   *Berlin, Germany*

    Golang, **Python**, Docker, Postgresql.

    Maintenance and development of new features across the different APIs of the company.

    Participated in the implementation of their Global Concert Hall.

Kite.ly   November 2017 - June 2019
Senior Software Engineer   *London, UK*

    Python, Postgresql, Docker.

    Creation of an ecommerce platform using Python 3.6 and Django 2.

DHI Group, Inc   July 2016 - November 2017
Senior Software Engineer   *London, UK*

    PHP 7, **Python**, Docker, Slim.

    Lead the rewrite in PHP7 and using Docker of a legacy platform.

    Provided a serie of talks and workshops about Git to bring the team to an advanced level. Slides available at https://slides.com/ghislainrodrigues-1

Misc   October 2009 - December 2015

    See my Linkedin profile for my complete experience history.

EDUCATION

UPMF, Grenoble, France   *Sept 2008 - June 2009*
Licence Professionnelle SIL (Bachelor in Web development) Option MIAM

UPMF, Grenoble, France   *Sept 2006 - Sept 2008*
DUT Informatique (Two-years Diploma in Computing)

SPOKEN LANGUAGES

French   Mothertongue
English   Fluent
German   Conversational

HOBBIES

Rock climbing, coding, reading, music, video games, walking/traveling, taking pictures (https://travels.ghislain-rodrigues.fr), Cooking (https://recipes.ghislain-rodrigues.fr).