

Software Engineer

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Contact me

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Profile

Software Engineer with 5 years of working experience, that moved to Australia with a work holiday visa.

My target is now to get sponsored for a work visa so that I can stay for a few years. In exchange, I am willing to create value using my rich experience and knowledge.

Note that I am able and willing to move from NSW if necessary.

Formerly a freelancer, I got a Software Architect Master's degree at ESGI, A parisian Computer Science engineer school.

Skills

Languages and frameworks:

- NodeJs(React, Nextjs, Nestjs, TS, Electron...)
- C/C++
- Ruby/Ruby on Rails
- HTML/CSS/JS
- PostgreSQL, MongoDB

Other tools:

- Git/TortoiseSVN
- GH Action, Gitlab CI
- GNU/Linux
- Docker/docker-compose
- Github Actions
- Kubernetes
- nix/NixOS
- NginX/Apache
- On-premise hosting

Methods:

- REST APIs
- Agile development
- Test Driven Development
- SOLID
- Hexagonal/Clean Architecture

Experience

ESIEE (Graduate School)/Assistant Lecturer

September 2023 until January 2024, Noisy-Le-Grand, Nation

Supervising assignments and practice for a coworker's C and C++ language courses

ESGI (Private engineer school)/Professor

September 2022 until April 2024, Paris, Nation

Teaching several topic to a multitude of different groups of students with different specializations.

Courses are in a bachelor's degree program and included :

- The C language (beginner and advanced)
- Developing APIs with NodeJS and ExpressJS
- Web Architecture (Apache centered course)
- Web and API (Theoric course on how to build RESTful APIs)
- Introduction to open source development

This experience implies overseeing theory and practice on those courses.

Usual coding environment:

- Linux, Neovim, VSCode

Soft skills:

- Good adaptation
- Wide surface knowledge of IT in general
- Passionated
- Able to teach and explain to non-technical stakeholders

Keyros/Software developer (Started as apprenticeship)

August 2020 until September 2023, Saint Mandé (France)

Development of a crisis management application, using relational and graph DB, React, Ruby on Rails, and Python.

Decisions and design of features in a company of only 3 people.

CI/CD and production environment management with usage of docker.

Actual languages:

- French (native)
- English (Fluent, ToEIC)

H3 HITEMA/Professor

March 2023 Issy-les-Moulineaux (France)

Teaching Node.js/Express development to a master's degree class.

Hobbies and interests

- Music (Guitar and Computer assisted)
- Sport (Parkour, climbing, trekking and calisthenics)

Newrest Wagons Lits/Software engineer (Apprenticeship)

September 2019 to July 2020, PARIS, 17e

NWL is a subsidiary of Newrest, catering company that has a network of 3,200 employees around the world.

Referees

Frédéric Sananes, current educational director at ESGI : fsananes@esgi.fr

Erwan Jossic, current CTO at Keyros : erwan.jossic@keyros.org

Mission included retro-engineering an old ERP coded in Java with the help of scripting, and developing android apps using Android Studio.

ABECEDAIRE/Software developer(Internship)

January 2019 to February 2019, ROUEN (France)

Web development with JS, JQuery, HTML, CSS, SQL and DreamWeaver

Technology watch

Debuts as a freelancer

Further references available on request.

IDEA Informatique/Software developer(Internship)

June 2018 to July 2018, EVREUX (France)

Development of an ERP's features with PL-SQL on Delphi on Embarcadero, using TortoiseSVN as a SVN.

Other teaching experiences

C week:

As a student, coaching other student and giving them exercises and katas during a themed C week in 2020 and 2021 at ESGI.

Dev day:

Conference about audio fingerprinting during the DevDay, in 2021 at ESGI

Education

ESGI/Master's degree - Software Architecture

October 2019 to July 2022, PARIS 12e

Bachelor's degree followed with a master's degree on Software Architecture.

This diploma includes year-long apprenticeship with France's "alternance" system.

This specific curriculum includes a lot of diversity in terms of knowledge and allows having wide views on projects.

Lycée Saint Adjutor/Higher national certificate - Software Development

September 2017 to July 2019, VERNON

French "BTS" corresponding to Australian Higher national certificate, including necessary knowledge to become a developer and be efficient as part of a team in a company.

Lycée Modest Leroy/High school degree with engineer specialization