

WILLIAM GUERRAND

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WORK EXPERIENCE

ImmiNova

Software Engineer & AI Engineer

Brooklyn, USA

Aug. 2024 - Current

- Implementing AI solutions to automate and streamline immigration management processes for SMEs.

talent.io

Full Stack Developer

Paris, France

Feb. 2022 - May. 2023

- Spearheaded key contributions that led to a 10% rise in sales turnover and an 18% increase in user retention within three months of release by enabling candidate-driven applications, establishing a dynamic dual-facing platform.
- Enhanced code maintainability by transitioning the frontend from embedded Ruby templates (ERB) to a more scalable React architecture.
- Maintained infrastructure guild activities by supervising user loads across AWS and Heroku, ensuring high availability and efficient scaling to meet dynamic demands.

Storya

Full Stack Developer & AI Developer

Remote for Singapore

Sept. 2021 - Feb. 2022

- Developed a mobile app featuring AI-powered translation tools to seamlessly convert stories into engaging multimedia content across languages, fostering diversity and inclusivity in the creator economy.
- Conducted analysis of the most appropriate NLP frameworks and automated the data collection process for training our AI model, shortening the data preparation time by 40%.

Confection Textile Hotelier

Full Stack Developer

Paris, France

Jul. 2021 - Feb. 2022

- Orchestrated a complete website revamp, which reinvigorated user engagement, significantly increasing from a handful of monthly users to over 500.
- Establishing project requirements during discovery session, designed prototype using Figma.

IBM

Project Lead Developer

Lancaster, UK

Nov. 2020 - Jun. 2021

- Selected from 200 applicants to drive the IBM AI Academic Initiative, leading a team of five developers to implement an AI-powered virtual hotel management system using Watson Assistant on IBM Cloud.
- Cultivated a thriving team environment that enhanced project collaboration and delivery, credited with successfully managing the initiative, delivering on time, and above quality standards.
- Conducted a critical presentation of IBM's AI cloud solutions to product managers, offering key feedback and recommendations that were instrumental in advancing the platform's capabilities.

Colas

Data Engineer

Vélizy-Villacoublay, France

Jun. 2019 - Sept. 2020

- Led the strategy and implementation to migrate data from Azure Blob Storage to Amazon S3 Glacier Deep Archive, cutting storage costs by 95%.
- Scraped and centralized French city data in Amazon S3 Glacier, streamlining data management and improving accessibility for multiple data pipelines.

SKILLS

Languages: C2 English, C2 French, B2 Spanish.
Programming: Python, Java, C++, JS, Ruby.
DevOps: AWS, Heroku, Docker, CircleCI, Git, Nginx, Trello.
Front-end: React, SASS, ERB, Bootstrap, SASS, Jira, Figma.
Back-end: Ruby on Rails, Node.js, PostgreSQL,

PROJECTS

View list of projects by clicking the following link

williamguerrand.com/projects

EDUCATION

Lancaster University

BSc Honors Computer Science GPA: 4.0

Lancaster, UK

Oct. 2018 - Jul. 2021