Luidgi JOSEPH

Software Engineer | Full-Stack • Cloud • Automation

joseph.luidgi@gmail.com
French
Dubai
+33 6 95 73 44 43

Software Engineer with experience building backend systems, cloud automations, and full-stack applications. Strong background in Python, GCP, and modern web development, with an engineering foundation in robotics and automation.

TECHNICAL SKILLS

Programming
Python, TypeScript, SQL (PostgreSQL), JavaScript

Web & Full-Stack
Next.js 15, React, Supabase, REST APIs

Cloud & DevOps
GCP (Cloud Run), Docker, Git, GitHub Actions

Data & Backend
BigQuery, Data Modeling, Backend Automation

AI-assisted Engineering
Claude Code: daily use for planning, implementation, refactoring, testing and code review

Low Code & Integration
AppSheet, FlutterFlow, ERP Integration

WORK EXPERIENCE

Software Engineer — Since Aug. 2024
Voltaire Group Bidart, France
Backend Development & Cloud Automation Designed and deployed Python automations on Google Cloud Run for email, SMS, and payment processing. Structured datasets in BigQuery and Supabase ensuring data consistency across departments.
Business Applications & Systems Integration Built internal applications using low-code tools (AppSheet, Flutter Flow) and integrated ERP systems to streamline workflow automation. Collaborated with cross-functional teams in agile environment to deliver scalable solutions.

R&D Robotics Engineer Intern — From May 2023 to Nov. 2023
CETIA Hendaye, France
Contributed to R&D projects focused on automating textile dismantling and recycling processes. Defined and prototyped a robotic pick-and-place solution for textile cutting scraps, assessing technical feasibility while investigating computer vision and textile recognition approaches for robotic applications.

EDUCATION

Master of Science (MSc), Robotics and Automation — From Sept. 2022 to May 2023
University of Salford Manchester, England, United Kingdom
Master's degree with distinction. Expertise in robotics, artificial intelligence, and industrial automation systems.

Diplôme d'Ingénieur (MSc equivalent) – General Engineering — From Sept. 2018 to May 2023
ESTIA Bidart, France
Engineering degree with honors. Trilingual program (French, English, Spanish) specializing in computer science, automation systems, and digital transformation.

PROJECTS

Strive - Full-stack Habit Tracker (Solo project)
Independently designed and deployed a full-stack PWA end-to-end, covering architecture, authentication, database design, backend logic, frontend development, and CI/CD. (Next.js 15 · TypeScript · Supabase · PostgreSQL · Vercel)

LANGUAGES

English
Full Professional Proficiency (IELTS 7.0)

French
Native

SOCIAL NETWORKS

@luidgi-dev
@luidgi-joseph