Contact

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⌨ https://github.com/Dedalum

Technical skills

Python 4+ yrs

Golang 2+ yrs

SQL 4+ yrs

Linux, Bash, git 5+ yrs

Ansible, Jenkins 3+ yrs

AWS/GCP, Kubernetes 2+ yrs

Elasticsearch, InfluxDB & Grafana 2+ yrs

Html/CSS, Javascript 3+ yrs

Other skills

Agile methods: Scrum & Kanban 5+ yrs

Product development & management 3+ yrs

Cross-team communication 5+ yrs

SEO & Web marketing <1 yr

Languages

- French: native speaker
- English: full proficiency

Hugues Lagrange

Python developer/devops

PROFILE

Looking for challenges, exciting products and good team spirit. Flexible and adaptive tech person diving into business and marketing with specific experience in Python and Golang in the fintech industry. Devops and automation mindset, problem solver and open-minded.

WORK EXPERIENCE & PROJECTS

Professional project: software & product development
PDF Toolkit API - Remote, France

Feb 23 - May 23, 4 mo

Building a SaaS company from scratch providing an API to generate various types of PDF documents including receipts, reports, resumes in a team of 2.

- Building a production-ready API using Python and FastAPI following TDD, a developer's documentation with VitePress and OpenAPI and a blog with VitePress
- Deployment and maintenance of the production environment
- Design and maintenance of an SQL database
- Setting up an SEO & web marketing strategy, business development, analytics with the help of AI (ChatGPT)

Technologies:

- Development of a Python website & API with FastAPI, OAuth for authentication and authorization, VueJS & VitePress
- PostgreSQL
- Devops: Github Actions (CI/CD), Ansible
- InfluxDB & Grafana, Elasticsearch

Software developer - Python
Linxo Group - Remote/Aix-en-Provence, France

Apr 20 - Aug 23, 3 yr 5 mo

Linxo is a French fintech startup aggregating banking data for individuals and offering services of accounting and business finance for businesses. I was part of the team responsible for aggregating the banking data and handling its pipelines and its pre-analysis in a GDPR compliant & ISO 27001 certificated environment.

- Design and implementation of various features and business logic for banking and financial data gathering, filtering and analysis through scraping and data pipelines with scrum method and test-driven development
- Within an 8 people company-wide cross-team, design & implementation of the "wealth" service gathering and analyzing financial investments & portfolios data for businesses and customers

- German, Swedish, Spanish: basic level

Education

2011 - 2016

Master degree, IT & CS
Université de Technologie de Troyes - Troyes, France

IT & CS, specializing in Information Security: mathematics, networking, Computer Science, relational DB, image processing, cryptography, information security (policies and management of information)

Fall 2014

Exchange
University of Waterloo - Waterloo, Canada

Faculty of mathematics, computer science program: computer & information security, CS, graph theory

Interests

- Financial investments
- Statistics, data analysis
- Crypto/blockchain technologies and markets
- Business & marketing
- History & international relations, beer brewing, hiking

- Building a PoC "crypto" service gathering crypto-currencies investments & portfolios and providing analysis for our customers
- Meetings & monthly exchanges with French and foreign banks for issues solving and feature developments
- Handling level 3 customer support, including business customers and simple users
- Preparing weekly workshops for sharing knowledge and keeping the tech and business logic documentation up to date

Technologies:

- Python, PostgreSQL, occasional Java/Go
- Jenkins CI, ELK stack for logging, Grafana metrics (Postgre, Influxdb), Bash
- Project management & L3 support, Data pipelines and analysis

Software developer - Golang & Python
May 17 - Aug 18, 1 yr 4 mo
Snuk - Berlin, Germany

IoT infrastructure platform for smart buildings. The projects involved multiple technical domains: from IoT hardware to Cloud technologies, using Open source software when it made sense and developing mostly in Golang and Python.
Within a small team, I've participated both in general product development and hands-on implementation.

- Design of distributed systems, implementation and installation of on-premise IoT infrastructures and cloud architectures still running today in a set of Berlin factories
- Direct product development with the customers and remote & on-site support with the factories management and workers
- Demos and presentations of our product in tech meetings

Technologies:

- Golang & Python development, Bash
- GCP, Docker, Hashicorp stack, Ansible, Linux
- TIGK stack (Grafana, Telegraf, Influxdb, Kapacitor)
- IoT, BLE, MQTT, Mosquitto, Raspberry Pi

IT security/admin intern
Mar 16 - Sep 16, 6 mo
Freespee AB - Uppsala, Sweden

Freespee is a real time conversation cloud for marketers.

- AWS, ELK stack & Redis, Ansible, OpenVPN server, Linux
- Bash & Python scripting
- SQL

System administrator
Feb 15 - Jul 15, 6 mo
Jymeo - Nantes, France

JYMEO is an internet/marketing start-up.

- OVH cloud, ELK stack, Ansible, OpenVPN server, Linux
- Bash & Python scripting