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GUY KING *software developer (web, cloud computing)*

Python development - Python 3.5+, conda, pip, flake8, pytest, Django, Scrapy.
Version control - Git (GitHub, GitLab hosting).
Continuous integration, continuous delivery / deployment - CircleCI, GitLab.
Containerisation - Docker (Kubernetes orchestration).
Cloud providers - GCP, AWS, Backblaze.
Databases - PostgreSQL, MongoDB.
Web servers - Nginx.
Operating systems - Linux (Ubuntu), macOS.
Documentation - Read the Docs, Confluence, Git host wiki.
Project management / issue tracking - Jira.

Experience
06.2017 - present

Developer, Lambert Labs (London, UK) - Python software development agency.
Consistent revenue generator, helping headcount grow from three to six; main projects worked on:
- Data ingestion (Scrapy) for an international sports events company.
- Web portal (Django) for an education product helping children with literacy.
- Web platform (microservices) for companies to find, and publish at scale, engaging online content (text, images, videos).

Accustomed to working in a (distributed) team of developers.
Agile practices (pair programming, code review, daily stand-up, biweekly sprint planning, retrospectives, etc.)
Share knowledge with, and increase the productivity of, less experienced developers.

01.2016 - present

Co-founder, Zorn Capital - Early-stage quantitative FX hedge fund.
Solution architect:
- Automated trading system (Python, AWS, OANDA API).
- Basic data warehouse (Python, pandas, MySQL, AWS).
- Backtester (Python, pandas).
- Company website (GitLab CI/CD, Docker, GCP)

Quantitative researcher (Python, pandas, scipy) and business strategist.

10.2014 - 11.2015

Account Technologist, Brainlabs Digital (London, UK) - Performace marketing agency.
Maintained, expanded, and streamlined the company's BI / client reporting:
- Wrote a datetime library (JavaScript) widely used internally.
- Implemented various (local) custom ETL solutions (JavaScript, PHP, Google / Facebook / Microsoft / Response Tap advertising APIs, Google AdWords scripts,

Google Apps Script, Google Sheets, Microsoft Excel) and a prebuilt third-party solution (Sisense).
- Developed (WAMP) and deployed (on-premises IIS) MVP of a web dashboard, in collaboration with a frontend developer.

Created a basic tool (PHP) to detect if a client's competitors were bidding on keywords related to a client's brand.

Academics (click for more)

BSc Mathematics, Université Montpellier 2, 2011–2014.
14.1/20 average.
Mostly pure maths (algebra, analysis).

Projects (click for details)

Owner - static website template, homepage, aiostorage.
Contributor - pytube.

Languages

English (native); French (fluent, C1 Test de connaissanace du français 03.2012); German (intermediate); Cantonese (spoken, intermediate).

Career change

Previous (non-technical) positions held in financial services industry:
- Part-time (25 hours per week) analyst at Blackstone Group (10.2010 to 08.2011) whilst self-studying French and mathematics.
- Analyst at Barclays Capital (08.2006 to 08.2007, 11.2008 to 09.2010), infrastructure, Eurozone interest rates.
- Backpacker at travelling (11.2005 to 05.2006); North America, Oceania, South-East Asia.
- MSc Economics (2007–2008), University College London; BSc Economics (2002–2005), University of Nottingham.

Grants, honors, & awards

French Government, FNAU €2700 (2014).
Universiy of Nottingham, ALF £1300 (2005).
Chigwell School, scholarship and grant 100% tuition (1995–2002).