

# Tomé Lourenço

Software Developer | Data Analyst | Data Science Enthusiast

+44 745 674 6572

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 github.com/tlourenzo

www.tlourenzo.com

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## COVER LETTER

Dear Recruiter / Hiring Manager,

Pleased to meet you and hope to find you well!

Been working as a Software Developer and Data Analyst for several technology and engineering companies.

The ideal next role would allow me to improve my current tech stack, learn and explore new tools, according to my areas of interest below.

Although in Full-Stack for the past 2 years, I prefer to work on the Backend, especially in Python and Java.

*"Live as if you were to die tomorrow. Learn as if you were to live forever." – Mahatma Gandhi*

Started my academic background in Electrical and Electronics Engineering and, career-wise, besides IT consulting, have worked in several other industries, like education and training, telecoms and luxury retail, achieving great people, sales and marketing skills.

With a degree in Marketing Management, several Full Stack coding intensive training, several IT professional certificates and market experience in software and web development, data analytics, and lately in data science related projects.

Can bring in a fun and professional personality with a 360-degree perspective into my projects, associating creativity, logic and problem-solving skills.

Believing that great communication across people is key for work and life in general, have achieved awards for this skill too! Ask me how :)

Is tomorrow a good day to have a quick call and discuss current opportunities?

Best Regards,

Tome Lourenco

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## CODING LANGUAGES && TOP LIBRARIES

- Java (Fluent), JavaEE, Spring MVC, Spring Security, JavaFX, Hibernate, Gradle, Maven, ActiveMQ, JUnit, Mockito, Selenium

- Python (Fluent), Pandas, NumPy, Spacy, SciPy, Scikit-learn, Tensorflow, Keras, BeautifulSoup, Django, Flask, Restful API's, Matplotlib, Seaborn

- JavaScript (Basic), JQuery, HTML, CSS, SASS, Angularjs, Jasmine, D3.js, Node.js, Bootstrap, Ajax.

## BUSINESS INTELLIGENCE, DASHBOARDS && VISUALIZATION

- Tableau (Fluent), QlikView, Qlik Sense, PowerBI, Google Data Studio

## DATABASES

- SQL (Fluent), MySQL, PostgreSQL, SQLite, ElasticSearch, MongoDB, MyBatis

## IDE's

- IntelliJ, Pycharm, Atom, Eclipse, Visual Studio Code

## INFRASTRUCTURE, REPOSITORIES, CLOUD && DATA PIPELINES

- Gitlab, Github, Jenkins, Gitlab CI, GoCD, Mingle

- AWS, GC, Docker, Heroku

- Linux, MacOS, Tomcat, WildFly, Jetty

## METHODOLOGIES

- SCRUM, KANBAN

- AGILE TEAMS

- TDD

- CI / CD

## AREAS OF INTEREST

- Software Development

- Data Science, Big Data, BI, Analytics, NLP and Data Mining

- Machine Learning and AI

## HUMAN LANGUAGES :)

- Portuguese (Native)

- English (Fluent)

- German (Basic)

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## IT / DATA SCIENCE EXPERIENCE

### Full Stack Software Developer / Data Analyst / Data Science Consultant

#### Akka Technologies

Geneva, Bremen, Munich — Jan 2018 - Dec 2018

Aeronautics domain project: software development in Java and Go:

- In an ongoing project, Agile team (Scrum), during 4 month have developed new vertical features in a MVC project, from database manipulation and migrations, from business logic to frontend development, improving the software according to new client needs and backlog requirements.
- Refactored and corrected existent bugs and increased tested code coverage by creating new unit, integration and functional tests.
- Was exposed to new developments in Go, in microservices infrastructure.

Automobile domain projects, data analytics and data science exposure, mainly in Python:

- In several tasks and existing ongoing projects, performed ETL tasks, from existing client sql databases by performing data cleaning and data manipulation, with scripts in Python (Pandas).
- Created visualization dashboards for descriptive analytics in tools as Tableau, QlikView and QlikSense.
- Was exposed to predictive analytics in Python with machine learning algorithms in both classification and regression models as in natural language processing.

Tech Stack: Java, Spring, Swing, JavaFX, Swagger, Python, Go, Sql, Git, Jenkins, Spacy, Scikit-learn.

### Full Stack Software Developer / Consultant

#### ThoughtWorks

London, Pune — Jul 2017 - Nov 2017

Retail domain project in Java:

- Part of an Agile team (Scrum, Kanban) performing TDD (Test-Driven Development) in rotational pair programming, developed new vertical features in a Spring MVC web app structure, covering code with unit and integration tests with JUnit, Mockito and functional tests with Jasmine and Selenium.
- Covered data manipulation and migrations with MyBatis.
- Refactored current code and business logic in Java.
- Improved UI, according to new client user stories and UX market best practices.
- Continuous Development and Continuous Integration approach with Gitlab CI, Mingle and GoCd pipeline.

Tech Stack: Java, Javascript, Ajax, jQuery, Node.js, PostgreSQL, HTML, CSS, MyBatis, JQuery, Spring MVC, Spring Security, Hibernate, Gradle, Gretty, Jetty, Git.

### Software Developer / Consultant

#### InnoWave

Lisbon — May 2017 - Jul 2017

Financial domain project:

- Ongoing J2EE Spring MVC project, developed new vertical features and refactored existing code according to detected bugs in the product backlog and current technical debt.
- Performed database schema manipulation and CRUD operations in Elasticsearch and SQL.
- Improved Message Streams processing with ActiveMQ and WSO2CEP.
- Improved email features and created a new double step registration and authentication process for non admins.
- Refactored AngularJs, HTML, SASS frontend according to new user needs and requirements, including maps services.

Tech Stack: Java, J2EE, JavaScript, JQuery, Angular Js, SQL, NoSql Elasticsearch, ActiveMQ, Linux, WSO2CEP, Wildfly, Spring MVC, Maven, Git.

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## Software Developer Apprentice

Academia deCodigo (Code Academy)

Lisbon — Jan 2017 - Apr 2017

Several internal gaming and school administration domain project:

- As a software development intensive full time bootcamp with agile teams (SCRUM, KANBAN), performing TDD.
- Created message applications both in terminal and in JavaFX with client-server structure over UDP and TCP protocols.
- Created a full school administration web app in a Spring MVC structure.
- Created games in Java and AWT.
- Winner of the final 24h Hackathon, creating a Java LibGDX game, modelling in 3D using Blendr. (available at github)

Tech Stack: Java, Javascript, AWT, JavaFX, HTML, CSS, JSP, JQuery, Bootstrap, MySql, PostgreSQL, Spring Mvc, Hibernate, Maven, Git, LibGDX, Blendr, Tomcat.

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## MARKETING & BUSINESS MANAGEMENT EXPERIENCE

### Digital Marketing / Developer

Freelancer

Portugal — Sep 2015 - Dec 2016

### Marketing Manager

French It Up!

Macau / Hong Kong — Jan 2015 - Sep 2015

### Marketing Manager

Luxe

Macau — Jun 2014 - Jan 2014

### Marketing Executive

Quidgest

Macau — Dec 2013 - Jun 2014

### IT trainer / Consultant

Tomelourenco.biz

Portugal — Nov 2009 - Dec 2013

### IT Business Developer

Galileu IT

Portugal — Nov 2008 - Nov 2009

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## EDUCATION

### Data Science Learning Path

IBM Cognitive Class

Online Courses 2018

### Data Science Career Track (Python)

DataCamp

Online Courses 2018

### Agile Software Development Training

ThoughtWorks

Pune, India - 2017

### Full Stack Software Development Bootcamp

Academia deCodigo

Fundao, Portugal - 2017

### Marketing Management Degree

ISCTE Business School

Lisbon, Portugal - 2013

### Marketing Management BSc.

Universidade do Algarve

Faro, Portugal - 2012

### Networks Administration Professional Certification

IEFP

Faro, Portugal - 2009

### Electrical & Electronics Engineering

Universidade do Algarve

Faro, Portugal - 2008