

FRANCESCO DERGANO

Searching Occupation in London Area, United Kingdom

<https://www.linkedin.com/in/raccomandino/>
<https://www.freelancer.com/u/raccomandino/>
<https://www.upwork.com/freelancers/~01e4e1fadd4714d1fc/>
<https://app.codesignal.com/profile/raccomandino/>
<https://github.com/raccomandino/>
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Curriculum Vitae Revised

16-07-2024

TARGET POSITIONS

Principal Software Engineer (I can consider also a Senior Position), **Solution Architect, Civil and Structural Engineering** (I consider also an Entry Level, I can consider also different construction management on a Senior Level), **Data Engineer-Scientist** (I can consider also one of the two), **Senior Executive**

SUMMARY

My name is Francesco Dergano, and I am a dedicated professional with a diverse background in engineering and data science. I hold a degree in Civil and Structural Engineering from the prestigious Engineering Institute of Technology in Australia. To further broaden my expertise, I am currently pursuing studies in Data Science and Computing at Birkbeck University of London.

In my professional career, I wear multiple hats. I am the Founder and Principal Director of the Kamiweb Project a new startup, where I spearhead innovative web solutions aimed at transforming digital landscapes. My leadership role extends to Skydatasol Ltd., where I serve as the Chief Executive Officer. At Skydatasol, I drive strategic initiatives and oversee lead generation to ensure we deliver petrochemical products to our clients.

In addition to my entrepreneurial endeavours, I am deeply involved in critical research projects during the Antarctic Summers. I am the Lead Research Manager for the Antarctic National Security Framework, a high-stakes initiative based at the South Pole. In this role, I am responsible for overseeing research activities aimed at enhancing national security measures in one of the most challenging environments on Earth. My work involves coordinating with international teams, managing complex data, research for natural resources and developing strategies to address unique challenges posed by the Antarctic region.

My multifaceted career reflects my commitment to leveraging technology and engineering principles to solve real-world problems, drive innovation, and contribute to global security efforts.

PROFESSIONAL EXPERIENCE

KAMIWEB PROJECT LTD (June 2023- Present) Founder and Principal Director
London, United Kingdom, <https://www.kamiwebproject.com>

Kamiweb Project is a dynamic software company that excels in the field of DevOps and Salesforce, offering a comprehensive range of services tailored to meet the evolving needs of modern businesses. With a focus on innovation and excellence, Kamiweb Project specializes in developing cutting-edge web, mobile, and desktop applications, leveraging the latest technology to deliver robust and scalable solutions. In addition to

application development, Kamiweb Project is deeply invested in cybersecurity, providing top-tier offensive security measures to safeguard digital assets against emerging threats. This aspect of their service is crucial for businesses operating in today's digital landscape, where security risks are ever-present and constantly evolving. Furthermore, Kamiweb Project distinguishes itself in the field of data science and marketing. By harnessing the power of data analytics and advanced marketing strategies, they assist businesses in unlocking valuable insights, enhancing customer engagement, and driving growth. This holistic approach ensures that their clients not only have the best technological solutions but also the insights and strategies to maximize their impact in the marketplace. Overall, Kamiweb Project LTD stands as a beacon of innovation and reliability in the software industry, consistently delivering high-quality services that propel businesses forward in the digital age.

SKYDATASOL LTD (June 2022-Present) Founder and Chief Executive Officer
London, United Kingdom

A business that combines Petrochemicals, Renewables, Constructions, and Software would likely be a diversified company with operations across multiple industries. The Petrochemicals division of the business would involve the production and sale of chemicals derived from petroleum, such as plastics, resins, and solvents. This division would likely require significant investment in refineries, petrochemical plants, and distribution networks. The Renewables division would focus on developing and operating renewable energy projects, such as wind farms, solar arrays, and hydroelectric power plants. This division would require expertise in engineering, construction, and project management. The Constructions division would involve the design and construction of infrastructure projects, such as highways, airports, and buildings. This division would require expertise in engineering, project management, and construction management. Finally, the Software division would involve the development of software applications and services for use across all divisions of the company. This division would require expertise in software development, user experience design, and data analytics. Overall, this type of business would likely have a significant focus on innovation and sustainability, leveraging technology and expertise across multiple industries to create value and competitive advantage. The business would need to have a strong leadership team with experience in each of the respective industries to ensure successful integration and execution across all divisions.

ANTARCTIC NATIONAL SECURITY FRAMEWORK (December 2023-Present) Lead Research Manager
Ushuaia, Argentina

Antarctic National Security Framework is a contemporary Groundbreaking South Pole Expedition Antarctic National Security Framework (ANSF), a pioneering force in geostrategic research and resource exploration, and is excited to announce a landmark expedition to the South Pole. Under my leadership of Lead Research Manager, the initiative aims to fortify global environmental and energy security through advanced networking and communication systems, exhaustive exploration for rare earth elements, and comprehensive oil and gas resource assessment, alongside detailed land mapping efforts. This multifaceted expedition is not just a testament to ANSF's commitment to cutting-edge research but also a crucial step towards understanding the vast, untapped potential of the Antarctic region. By deploying state-of-the-art technology and methodologies, ANSF seeks to pave the way for responsible and sustainable resource utilization that aligns with global environmental standards and practices. The South Pole expedition is poised to deliver unprecedented insights into the Antarctic's complex ecosystem and resource base. The establishment of advanced networking and communication systems will ensure seamless integration and data exchange among international research teams, fostering global collaboration in tackling pressing environmental and energy challenges. Moreover, the exploration for rare earth elements and oil and gas resources is set to redefine our approach to resource management and energy independence. These endeavors, coupled with meticulous land mapping, will enhance our understanding of the Antarctic terrain, contributing significantly to global scientific knowledge and security frameworks. ANSF is dedicated to the principles of transparency, environmental stewardship, and international cooperation. As such, the findings and developments from the South Pole expedition will be shared with the global community, ensuring that the benefits of this project are accessible.

SKY CRYPTO B.V. (SkyCoin) (June 2014 - December 2019) - CHIEF EXECUTIVE OFFICER
Amsterdam, Netherlands,

This business may have been successful in the past, generating strong revenues and profits, and investing heavily in growth and expansion. However, due to a combination of factors such as market competition, economic downturns, or mismanagement, the business may have taken on too much debt to sustain its operations. As a result, the company may be experiencing cash flow issues and struggling to meet its debt payments. It may have to divert a significant portion of its revenue towards servicing its debt, leaving little room for further investment or growth. Sky Crypto was forced to sell off assets, reduce staff, and restructure its operations to try and manage its debt load. Sky Crypto filed for bankruptcy and be forced to shut down. To avoid this situation, it's important for businesses to carefully manage their debt levels and ensure they have adequate cash flow to meet their debt obligations. This may involve seeking alternative forms of financing, such as equity or convertible debt, or implementing cost-cutting measures to reduce expenses and improve profitability.

MATERIAL IN MOTION (January 2016 – April 2019) Senior Executive

Oude Meer, Netherlands, <https://www.materialinmotion.com>

As a senior executive at Material in Motion, a company manufacturing supply chain servers and data storages in the United States, Netherlands, and China, my role would involve overseeing key aspects of the business. I was responsible for strategic decision-making, managing teams, and driving the company's overall growth and success. Specifically, I was involved in developing and implementing the company's manufacturing and supply chain strategies, ensuring efficient production processes, optimizing logistics and distribution networks, and maintaining high-quality standards for the servers and data storages. My responsibilities also included collaborating with cross-functional teams to drive innovation and product development, identifying market trends and opportunities, and establishing strong relationships with suppliers, partners, and customers. As a senior executive, I was playing a crucial role in setting and achieving business targets, monitoring financial performance, and ensuring compliance with relevant regulations and industry standards. My leadership skills, business acumen, and ability to navigate the complexities of international markets would be essential in driving Material in Motion's success in the competitive landscape of the technology industry.

EDUCATION BACKGROUND

BIRKBECK UNIVERSITY OF LONDON – United Kingdom

Data Science and Computing (Ongoing year 2 of 4)

Birkbeck, University of London, known for its evening higher education and research, offers the Data Science and Computing with Foundation Year program. This ongoing program, likely part-time, combines theoretical and practical aspects of data science. It covers machine learning, data analytics, big data technologies, and programming, emphasizing computational and statistical foundations. I will gain hands-on experience with data tools and programming languages like Python and R. I develop skills in data visualization, machine learning algorithms, and data mining. Opportunities for further collaboration with industry partners are provided, with access to modern computing labs and library resources. The program prepares students for careers in data science, analytics, and related fields, facilitated by a strong alumni network. With a diverse student cohort and support services, Birkbeck's central London location offers a vibrant learning environment with professional and cultural opportunities.

ENGINEERING INSTITUTE OF TECHNOLOGY EIT – Australia

Advanced Diploma of Civil and Structural Engineering (Ongoing Year 2 of 2)

The Engineering Institute of Technology (EIT) is a leading private college based in Australia, known for delivering practical, industry-oriented engineering and technology education. EIT offers a range of programs, including diplomas, advanced diplomas, undergraduate and postgraduate degrees, all designed to meet the needs of working professionals and industry standards. The Advanced Diploma of Civil and Structural Engineering at EIT equips students with a robust foundation in civil and structural engineering principles, combining theoretical knowledge with practical skills. The program's flexible delivery, industry-oriented

curriculum, and strong focus on employability make it an excellent choice for those seeking to advance their careers in civil and structural engineering.

LONDON SCHOOL OF BUSINESS AND RESEARCH (LSBR) – United Kingdom
Level 5 Diploma in Information Technology

SKILLS

Industry acknowledgment:

| Business | Engineering | Information |
|---|---|---|
| Project Management, Strategic Planning, Financial Analysis, Marketing Strategy, Business Development, Risk Management, Leadership and Team, Management, Market Research, Sales and Negotiation, Customer Relationship Management (CRM), Supply Chain Management, Human Resources Management, Data Analysis and Reporting, Budgeting and Forecasting, Change Management, Operations Management, Product Management, Business Process Improvement, Corporate Communication, Contract Management | CAD (Computer-Aided Design), Circuit Design, Systems Engineering, Structural Analysis, Fluid Dynamics, Thermodynamics, Materials Science, Quality Control and Assurance, Robotics Manufacturing Processes, Environmental Engineering, Engineering Project Management, Mechatronics, Renewable Energy Systems, HVAC (Heating, Ventilation, and Air Conditioning), Control Systems, Instrumentation, Maintenance Engineering, Safety Engineering, Technical Documentation | Full-Stack Development, Agile Methodologies, Data Engineering, Data Science, Version Control (Git), Continuous Integration/Continuous Deployment (CI/CD), Database Management, Cloud Computing (AWS, Azure, Google Cloud), API Development and Integration, Mobile Application, Development, Cybersecurity, Software Testing and Quality Assurance (QA) |

Main Programming Languages:

JavaScript, Python, Java, HTML/CSS, C++, Go, Ruby, Objective-C, Swift, Scala, PHP, C, C#, Kotlin, Solidity, Rust, R, CoffeeScript, TypeScript, Visual Basic 6

Main Tools:

React, Node.js, Ruby on Rails, AngularJS, Android, iOS, EmberJS, Spark, Hadoop, Django, React Native, Backbone.js, Spring, Redux, Puppet, PostgreSQL, CocoaPods, Docker, Elasticsearch, SciPy, OpenAI, Wordpress, Spring MVC, .NET, IBM Db2, scikit-learn, ASP.NET, Unity, MATLAB, NumPy, pandas, Git, Cassandra, Flutter, PyTorch, Kubernetes, RabbitMQ, Polymer, C++ Boost, Bootstrap, MongoDB, Oracle Database, Bash, Distributed systems, Microsoft SQL Server, OpenCV, Mocha, ASP.NET MVC, OpenGL, TensorFlow, Creating/maintaining REST APIs, Kafka, NoSQL, MySQL, SQLite, Vue.js, Sinatra, jQuery, Spring Framework, Core Data, AWS, Chef, Linux, Jest, Redis, Microservices, UIKit, Revit, AutoCAD, Solidworks

OTHER RELEVANT PROFESSIONAL QUALIFICATION

- **Aha! Product Management Professional Certificate**
Aha!
<https://www.linkedin.com/learning/certificates/b6c0a22efc8044e28867343f519d85f6a0344f8f3b21a6eb21030a28fb48e37d>
- **Financial Markets Specialization**
Federica Weblearning Universita' degli studi di Napoli Federico II
<https://www.coursera.org/account/accomplishments/specialization/URCCZF17ZGWM>
- **Finance Specialization**

Federica Weblearning Università' degli studi di Napoli Federico II

<https://www.coursera.org/account/accomplishments/specialization/WGXXFME4AH4>

- **IBM AI Engineering Specialization**
IBM <https://www.coursera.org/account/accomplishments/specialization/5AD92LFLCHRV>
- **IBM Data Engineering Foundations Specialization**
IBM <https://www.coursera.org/account/accomplishments/specialization/PLEEJKCHEEQT>
- **IBM Data Engineering Specialization**
IBM <https://www.coursera.org/account/accomplishments/specialization/VP4SWFN864M3>
- **IBM Data Science Specialization**
IBM <https://www.coursera.org/account/accomplishments/specialization/WKPGBXJAHSMT>
- **IBM Data Warehouse Engineer Specialization**
IBM <https://www.coursera.org/account/accomplishments/specialization/ML4Q2Y52H5ZN>
- **Negotiation Professional Certificate by American Negotiation Institute**
American Negotiation Institute
<https://www.linkedin.com/learning/certificates/0554f6e01b1f2d4ddd0baeba63bc38c297356f9e116a0eb01d699316798a1d48>
- **Career Essentials in Data Analysis by Microsoft and LinkedIn**
Microsoft
<https://www.linkedin.com/learning/certificates/cb54b0511733aae83847473b751a8db3de5887091fb570eb505d4754a769c61?u=36299332>
- **Procore Construction Management Professional Certificate**
Procore
<https://www.linkedin.com/learning/certificates/d75c50482953bd28a0b21a5f1ab14338c283a67222088a30739daa8b83e5dd4d?u=36299332>
- **Career Essentials in Software Development by Microsoft and LinkedIn**
Microsoft
<https://www.linkedin.com/learning/certificates/cb54b0511733aae83847473b751a8db3de5887091fb570eb505d4754a769c61?u=36299332>
- **Career Essentials in Cybersecurity by Microsoft and LinkedIn**
Microsoft
<https://www.linkedin.com/learning/certificates/b257e12f8291233a628061a39931db1b643a8d8386e7054cca458af1cc504b01?u=36299332>
- **Self-Driving Cars Specialization**
University of Toronto
<https://www.coursera.org/account/accomplishments/specialization/4R4AEDL7TGXG>
- **Google Advanced Data Analytics Specialization**
Google <https://www.coursera.org/account/accomplishments/specialization/6YLZQE5TYU3B>
- **Google Data Analytics Specialization**
Google <https://www.coursera.org/account/accomplishments/specialization/7E54KW7JCCWV>
- **Anaconda Python for Data Science Professional Certificate**
Anaconda, Inc.
<https://www.linkedin.com/learning/certificates/fbd6de2f16dd42cc35850f9827d1578ddb8f858a44a1bb020a44c92e1bc4f8be?u=36299332>

- **Atlassian Agile Project Management Professional Certificate**
Atlassian
<https://www.linkedin.com/learning/certificates/470aa0b742b1938026568cbf409a7eb42f52ac45c65f30402c484c1b8abb99cd?u=36299332>
- **Career Essentials in GitHub Professional Certificate**
GitHub
<https://www.linkedin.com/learning/certificates/a3416606df72b5ba2990a778e9d37802ed06342b3db3a396b9d99e4d48e8598e9?u=36299332>
- **DevOps Professional Certificate by PagerDuty and LinkedIn**
PagerDuty
<https://www.linkedin.com/learning/certificates/81cca6ffe2d7705e84a7f6e896afd9779cd37a197b212f498f81ab8c1c8115b4?u=36299332>
- **Docker Foundations Professional Certificate**
Docker
<https://www.linkedin.com/learning/certificates/5dea496080beb08615a0db40307c1bd0546c138727574629d17084daa509f30e?u=36299332>
- **LambdaTest Software Testing Professional Certificate**
LambdaTest
<https://www.linkedin.com/learning/certificates/c0aee814e39861fb9482b9920a1442445ec047b789376fa4e158428f3c1bdf1f?u=36299332>
- **LambdaTest Test Automation Professional Certificate**
LambdaTest
<https://www.linkedin.com/learning/certificates/ae2bd68d062814bc248a299a47c2226a8af704885b27b62cb940fca8d6cd3e11?u=36299332>
- **OpenEDG Python Institute: Programming with Python Professional Certificate**
OpenEDG Python Institute
<https://www.linkedin.com/learning/certificates/5f44184cefe2b7ada6b5cb42a315eb2ae5617d89ee3cd47a25f0c35a78299280?u=36299332>
- **SS&C Blue Prism Robotic Process Automation Professional Certificate**
SS&C Blue Prism
<https://www.linkedin.com/learning/certificates/78366791133d47cb3f4c18c12a6af7fd8aacc323254168faef3831727617b2a7?u=36299332>
- **ServiceNow IT Leadership Professional Certificate**
ServiceNow
<https://www.linkedin.com/learning/certificates/1931abe8f5bb8a741568c9a5dcd787ad12a263f16e83863316724ad033bc19bd?u=36299332>
- **Twilio Programmable Messaging and Voice Professional Certificate**
Twilio
<https://www.linkedin.com/learning/certificates/da9d4499c51aa3e32a467e16e582057b29c619fe9befa3b087e59631fe5a2d13?u=36299332>
- **Business Analytics: Decision Making Using Data**
Cambridge Judge Business School, UK <https://certificates.emeritus.org/29c10c5d-a492-431a-87ad-241c623329c3>
- **JavaScript Foundations Professional Certificate by Mozilla**

Mozilla

<https://www.linkedin.com/learning/certificates/c2e3aa370d8eb4ef175f651fc0ecf5347aa2deb160e4ae0bb6a619c536aa9a1e?u=36299332>

- **Network Automation Professional Certificate by Arista Networks**

Arista

<https://www.linkedin.com/learning/certificates/8ec93670a0c1c44563ee01fae3cad432f44b21fe34951645ea9c2de2bd61e7a?u=36299332>

- **Council of Supply Chain Management Professionals (CSCMP) Supply Chain Foundations:**

- **The Essentials**

<https://www.linkedin.com/learning/certificates/8abfa02849eabeb00e14cff5095ac1b189f08b753c005343c57cee81def73156>

- **Warehousing Operations**

<https://www.linkedin.com/learning/certificates/26cd173d0df79cac697cad35d42958f36f0222ee5207e47bbd44076d2dead0?u=36299332>

- **Customer Relationship Management (CRM)**

<https://www.linkedin.com/learning/certificates/e4dd5c02a6854bf08f6a57b181295e2f963b447860512d0ae886c551fc387348?u=36299332>

- **Demand Planning**

<https://www.linkedin.com/learning/certificates/8a3746fca835ca7fbe0621711ca1088ced80ea0d3512abd2c765a6fc9efe2ebf?u=36299332>

- **Inventory Management**

<https://www.linkedin.com/learning/certificates/61d310513f4b3719a7836ae67add165f7a53ff9bfe49facc30ba1c8092e9ae5d?u=36299332>

- **Manufacturing and Service Operations**

<https://www.linkedin.com/learning/certificates/ff9d83d0c7384d431218ecfa2e6ca316804125360c9db00d9c3537de653a80b1?u=36299332>

- **Procurement**

<https://www.linkedin.com/learning/certificates/de27264d30b7be7cd4f19f0ef98160c02f54fab8cae5d5cc220cdafaf245a97e?u=36299332>

- **Transportation**

<https://www.linkedin.com/learning/certificates/c468ab5647794e70a449e28479242ef24741eb40afb0be8387ec24881826c33b>

- **Sea Oil & Natural Gas Development**

ABU DHABI NATIONAL ENERGY INSTITUTE <https://www.slideshare.net/slideshow/sea-oil-and-natural-gas-development-pdf/257288104>

- **Installation and Maintenance Electrician**

ISIS Ferraris Buccini Marcianise <https://www.slideshare.net/slideshow/installatore-e-manutentore-impianti-elettrici-corso-pas-2009pdf/257288104>