DAVID TERRANOVA

Engineering manager | Software architect

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📍 Montpellier (FR)

Passionate by tech, hands-on manager with **12+ years of experience** of end-to-end software development. Management experience ranging from hands-on mentoring & direct management of **multiple teams from 6 to 12 engineers** and responsible for all aspects of deliveries, deployments and maintenance of complex software solutions.

Moto: Sometimes failing and always learning.

WORK EXPERIENCE

Senior Engineering Manager
Smallpdf | 2021 - Present

In charge of the the Document legality domain. Extending and managing the domain with a second team. Driving the technical strategy and architecture.

- People management, professional and personal development, mentorship
- Promote transparency, initiatives, autonomy, ownership and accountability
- Technical strategy, cross-pod communication
- Design and share system architectures/software design
- Sharing experiences & good practices to contribute shaping other pods

Engineering Manager
Smallpdf | 2020 - 2021

Hands-on engineering manager, hired a cross functional team and delivered a CQRS & Event sourcing based digital signature solution for **40M+ unique active users per month**.

Senior Software Engineer - Backend
Smallpdf | 2020

Coordination and integrating of the new OpenID authentication service supporting 40M+ monthly unique active users.

- Designing and implementing custom specifications to support product requirements
- Writing extensions and adapters to support existing user management system
- Writing custom authorizers to support seamless migration from legacy authentication system to the new one
- Writing generic middleware to provide authorization to existing backend services

Chief Technology Officer
TellMePlus | 2017 - 2019

Define the roadmap, technical strategy and key architecture of Predictive Objects, track development progress and engineering division metrics. A clound agnostic platform, available on premise, able to ingest IoT sensor data, extend features, build datasets and use supervised machine learning to train Predictive Objects models helping anticipating failures on industrial plants.

Engineering Manager - DevOps
TellMePlus | 2015 - 2017

Manage transversal team supporting Predictive Objects in multi cloud environments. We also promoted development good practices, security guidelines and tooling to the engineering teams.

CTO / Co-Founder
Arksens cyber security | 2014 - 2015

Arksens Cyber Security is a digital security vendor for small & medium sized companies. It provides & customizes a set of tools and services to help companies autonomously protecting themselves against cyber threats at controlled cost.

Software Engineer - Backend
TellMePlus | 2013 - 2014

Shopping Intelligence, Recommandation over Big-Data using NoSQL & CHOCO library to produce fined grained recommandation.

Research Engineer
LIRMM - Montpellier Laboratory of Computer Science, Robotics, and Microelectronics | 2013

Constraint Programming. Applying constraint programming on concrete business cases.

Software Engineer
Sanofi | 2011 - 2013

Created a sqlite based framework for mobile applications designed to compound with security guidelines of clinical studies.

PROJECTS

Artistic Pictures
Photography, Software Development

Capturing the perfect moment, artistic vision in mind

Construction Coordinator / builder
Construction

Design, creation, and construction of my personal house

Le Sonambule, volunteering
Arts - Music

Contributing to make the organisation to offer concerts at a fair price

RECOMMENDATIONS

Mike Pilawski
Mike was David's mentor

David is a great technology leader and an engineering manager. He is a strong architect capable of thinking through complex architectural choices and arriving at simple and reliable solutions. He can take large, complex projects, identify key risks and direct the team through milestones to completion. He is also a great manager who deeply cares for his team and invests time to help his team members grow.

It was a real privilege working with David and I hope I will have the opportunity to do it again.

Jakub Skoczeń
Jakub reported directly to David

David is an exceptional hands-on manager with extensive technical knowledge and a pragmatic approach to problem-solving. He has a talent for building efficient and successful teams full of trust, and his collaborative leadership style inspires great results. I highly recommend him as a skilled and knowledgeable leader.

EDUCATION

MSc in Computer Science - Software Design
EPSI Montpellier (FR)
2009 - 2012

BSc Computer Science - Management
IUT Montpellier (FR)
2007 - 2009

SKILLS

Professional

Technical leadership

Distributed team management

Professional and personal development

Technical strategy

Agile methodologies

Effective communication

Strong problem solver

Technical

Distributed systems

Go/Python/Ruby/Java/Bash

AWS/Google cloud

OAuth2/OpenID Connect

Docker/ECS/k8s

Web services/SOA

LANGUAGES

French (Native)

English (Fluent)

INTERESTS

Motorbike racing

Kitesurfing

Photography

Travelling