



OLIVIER NAYRAGUET



Data Scientist – Machine Learning Engineer



SUMMARY

Experienced scrum master professional with an established performance record of delivering high-quality software for the Shipbuilding, Offshore industries

Seeking a position in a challenging engineering, visualization or machine learning domain

- ✓ Certified Scrum Master 2008
- ✓ Scrum Master for 10+ years
- ✓ Product Owner role at time
- ✓ Yearly ISO 9001 audits
- ✓ From Waterfall to Agile
- ✓ Monthly Scrum refreshers
- ✓ 6 teams across 3 countries
- ✓ Evangelist of teams in India
- ✓ SAFe
- ✓ TFS – VersionOne
- ✓ > 120 teams in project

PERSONAL INFO



Smithfield,
VA USA

Data Science
for 3+ years

NATIONALITY

Dual citizenship
USA FRANCE

CONTACT INFO

PHONE

757-812-8466

EMAIL

on-ai@outlook.com

SKYPE

olivier_nayraguet

LinkedIn

[oliviernayraguet](#)



EDUCATION



Engineering/Master's Degree, Electronics & Project Management FRANCE

Late 80s



MBA courses only (pending thesis), Business Administration & Management

2004 - 2007



Postgraduate Diploma Applied Machine Learning and Artificial Intelligence at Columbia Engineering NYC USA

-> June 2020



EXPERIENCE



ONAYVAL CONCEPT LLC

Information System Consultant

Jul 2019 – Now

- Assist Oil and Chemical Owner Operators in their Digital Transformation. Improve their work processes and choice of graphic and data management
- Transition big organizations to Agile Methodology. Structures need to know the Do's, and most importantly avoid the Don'ts
- Machine Learning enthusiast. Project using Computer Vision to re-engineer plants

Skills: "Agile Metadata Digital Transformation Machine Learning Python"

Enterprise Solution Architect - Executive Manager

Oct 2016 – Jun 2019 .
3 yrs

- Digital Enterprise Suite allowing AEC owner operators, EPC and BIM customers to check-in/check-out part of their models within a complete set of models, through an Extract, Transform & Load workflow (Xalt) into a data warehouse
- Architecture and design of a SaaS solution on the Microsoft Azure Cloud; all monolithic and Cloud applications now use the same format for the display and the data , with overlapping metadata
- Backend Microservices for the visualization of our data centric Enterprise PLM suite on Desktop and Mobile devices. REST API in .NET and Service in C++, serving Mobile applications in React

Skills: “Neo4J Microsoft SQL API oData RestAPI RabbitMQ DevOps Azure Cloud Scalability Load Balancing ETL data warehouse .Net C++ C# ALM Shift&Lift Microservices Docker Containers Unit Tests Functional Tests Ring Deployment Level of Details LODs Instancing Mobile App React”

Scrum Master - Executive Manager

Jan 2005 – Oct 2016 .
11 yrs

- Mentored teams in Hyderabad, India to adopt the Scrum process. Led the Scrum of Scrum of 6 teams for 10 years, acted as Product Owner role at time. Certified Scrum Master by Bob Schatz. Extensive travels to APAC to visit customers and gather requirements for user stories and support their in-house implementation
- Development manager of the monolithic applications, Drawings and reports, involving 6 Scrum Teams. Shipbuilding drawings for Profile Sketch, Hull Lines and Shell Expansion are among the most difficult to generate
- Maintained our biggest Shipbuilding customer achieving the proper performance of the Scantlings drawings. All drawings are extracted from a 70 million parts models within a minute

Skills: “Microsoft SQL Oracle Scalability COM C++ C# Unit Functional Tests Test Driven Shipbuilding drawings Point Cloud Reports BOM Agile Scrum Master VersionOne Shell Expansion Hull Lines Profile Sketch”

Software Development - Senior Manager

Mar 1997 – Dec 2004 .
7 yrs

- Waterfall planning, resource allocation, cost effectiveness of several Smart3D applications, used the biggest Offshore and Shipbuilders in the world
- Special assignment for one year in Denmark managing a Planning and Manufacturing team, with more than 30 software engineers reporting directly to me. Developed the most advanced Manufacturing and Planning applications, for Unfolding, sequencing, automatic assignment
- Consultant - Mechanical specialist for the French office before 1997

Skills: “Planning Manufacturing Expansion Interference Detection Hanger Hole Management Catalog Customization Drawings Waterfall Piping HVAC Cableway Unix Object Programming C Data Exchange format STEP SET NURBS Bezier Mechanical Modeling Manufacturing EMS SolidEdge Post-processors 5 axis EDM Product Lifecycle”



YouTube Demos

<https://youtu.be/jqUeOtmN91U>

SM Certificate



Olivier Nayraguet

is awarded the designation Certified ScrumMaster® on this day, March 20, 2008, for completing the prescribed requirements for this certification and is hereby entitled to all privileges and benefits offered by SCRUM ALLIANCE®.



Certificate ID: 00002762 Certification Expires: 31 December 2014 Account Expires: 31 April 2015

[Signature]
Certified Scrum Trainer®

[Signature]
Chairman of the Board