

## **EXAMPLE #2** A before and after look at a CV (or Resume) that has been worked on and rewritten by one of our experienced writers as part of our professional CV Writing Service (or Resume Writing Service).

#### HAVE YOUR CV (OR RESUME) WRITTEN BY THE EXPERTS

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## **BEFORE**

# Joseph Yates Click in to see my profile

DOB: 08/01/1989

1 Briar Gate, Long Eaton, Nottingham NG10 4BJ, UK +44 123 456 789

Rotating Machinery Engineer

Vibration Analyst III
EUR ING Chartered Engineer MIMechE

With a strong academic background in mechanics/thermodynamics and a taste for hands-on work, my diverse experience with various operators made me an all-round machines engineer focused on adding value to the business I serve. My strong analytic and collaborative skills allow me to solve complex machinery problems, design fit-for-purpose solutions and lead effective implementation. With exposure to contract management and financial metrics, I am able to turn cost-saving opportunities into reality.

#### XPERIENCE

## Company UK

Gt. Yarmouth, UK 10/2016 – Present

#### Rotating and Static Equipment Engineer

#### Multi-discipline engineer responsible for Clipper platform (525 MMscf/d)

• <u>Refreshing condition-monitoring strategy, reduced contract costs, improved effectiveness</u>

Solved major vibration issues (hot restart, high speed resonance) adding >0.6 M\$ in production value. Led investigations and field repairs/software changes. Ensuring plant integrity (Fitness for service analyses using API 579 & other) Designing fit for purpose solutions for pipe/vessel degradation, pipework vibration, production sand issues, valve selection

## Company UK (off/onshore)

Bacton, UK 03/2016 to 10/2016

#### Increasing plant availability (900 MMscf/d gas, 8k b/d condensate capacity)

Rotating Equipment Engineer - Problem Solving Team member

- <u>Leading investigations</u>, <u>solutions design and implementation</u>: increased gas compression availability and addressed long-standing integrity issues
- Lead position to <u>upgrade obsolete reciprocating compressors including new</u> <u>safeguarding and control systems</u>, managing complex project across organisations
- Providing support to offshore platforms (Leman Alpha and Clipper)

#### Company UK

Gt. Yarmouth, UK 2014 – 2016

#### **Rotating Equipment Engineer**

#### Responsible for Leman offshore platform machines (280 MMscf/d cap.)

- <u>Important deferment reduction</u> via field balancing/vibration surveys/ troubleshooting using ADRE 408.
- Designed <u>in-house performance monitoring software allowing us to extend compressor washing frequencies</u>, saving 1.2 M\$/year.
- Justified, planned, prepared and executed field repairs and inspections.
- RCAs, troubleshooting, FATs, HAZOP, techno-economic / reliability analyses.
- Working knowledge of APIs (617, 618, 684...) and internal standards.
- Initiated and led to success cost-cutting exercises (eg maintenance insourcing)

#### Company UK

Assen, NL 2012 – 2014

#### **Trainee Rotating Equipment Engineer**

#### Team member supporting production of >120 small onshore gas/oil fields

- Managed 0.5 M€ condition-monitoring retrofit project across machine fleet.
- RCAs, field troubleshooting, maintenance optimisation and techno-economic studies, in particular on <u>electric driven API 618 reciprocating compressors.</u>
- <u>Successfully completed the Graduate program</u> including multiple detailed courses/workshops at various OEMs in Europe.

## **AFTER**

## Joseph Yates CEng MIMechE

1 Briar Gate, Long Eaton, Nottingham NG10 4BJ, UK joseph.yates@gmail.com | LinkedIn Profile | +44 (0) 123 456 789

#### Professional Profile

An internationally experienced chartered engineer combining a strong academic background in mechanics and thermodynamics with proven expertise in the safe, optimal maintenance and operational support of various types of turbomachinery. Specialises in developing innovative solutions to complex problems resulting in substantial improvements in uptime and reliability whilst ensuring integrity and compliance with international API (610-619), ISO and ASME standards. An ISO certified level III vibration analyst combining hands-on technical capabilities with skills in troubleshooting, equipment selection, rerating and repairs, economic analysis and reliability studies. Integrates with ease into multi-disciplinary teams, championing high quality and value-adding delivery whilst mentoring younger staff and effectively training front line personnel.

#### Career Summary

Rotating & Static Equipment Engineer

10/2016-date

Company - Clipper Platform (525 MMscf/d), Great Yarmouth, UK

A multi-disciplinary, office-based engineering position with regular offshore trips providing day-to-day support to ensure the integrity and high reliability of rotating equipment (compressors, turbines, pumps, engines) and static equipment (valves, piping, vessels, heat exchangers).

KEY ACHIEVEMENTS

Igcreased production value by £0.6 million by resolving complex turbomachinery issues with limited repair costs, including cases of hot restart and high-speed resonance vibration

Revitalised the condition-monitoring strategy resulting in annual contracting cost savings as well as improvements in overall programme effectiveness and plant uptime

Ensured overall plant integrity performing fitness for service analysis using engineering calculations and industry codes, also assessing potential consequences, defining time for resolution and designing inhouse innovative fit-for-purpose solutions

Rotating Equipment Engineer

03/2016-10/2016

Company – Bacton gas processing plant (900 MMscf/d, 8kb/d condensate), UK

Member of a multi-disciplinary problem-solving team tasked with investigating long-standing reliability issues and designing cost-effective solutions.

KEY ACHIEVEMENTS

Took a leading role in investigations that lead to increased gas compression availability through the design and implementation of innovative solutions

Solved reciprocating compressor scrubber blockage that had costed £2.7M in deferment

Managed a complex project across organisations to upgrade obsolete reciprocating compressors, including introducing new safeguarding and control systems (budget £1.2M)

Rotating Equipment Engineer

2014-2016

Company – Leman offshore platform machines (280MMscf/d cap), Great Yarmouth,

Responsible for entire rotating fleet providing day-to-day support, performing RCA investigations, managing equipment repairs and FATs. Optimised maintenance regimes and spare parts, prepared and undertook field repairs and inspections. Produced valuable reliability analyses, made input to HAZOPs and SIF studies.

KEY ACHIEVEMENTS

Achieved annual savings of £1.2M through the design of in-house performance monitoring software that  $\mathbf{q}_{n}$  abled extended compressor washing frequencies

Delivered significant deferment reductions through the completion of field balancing (without vendor support) and turbine control system modifications following vibration surveys and troubleshooting using ADRF 408

Successfully delivered numerous cost reduction initiatives, including insourcing gas engine maintenance resulting in £100k per annum savings



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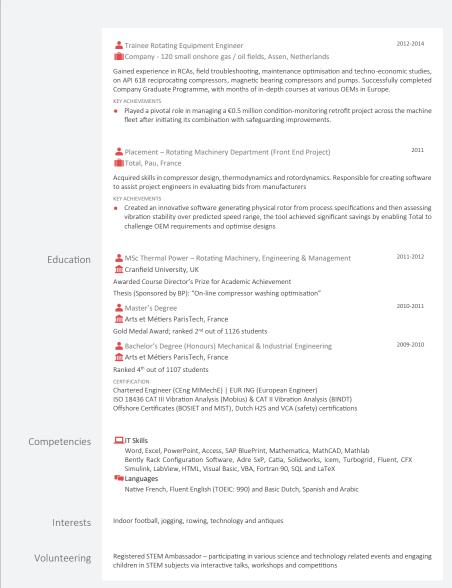
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BEFORE

TOTAL	Placement in Rotating Machinery department (Front End Projects)
Pau, France	Objective: create software to assist project engineers in evaluating
2011	centrifugal compressors from different manufacturers.  • Application of the tool <u>achieved significant savings</u> by allowing Total to
	challenge OEMs' conservative requirements and develop optimised designs.  • <u>Developed centrifugal compressors sizing software</u> : thermodynamics computation from specifications, rotor model generation, rotor-dynamics analysis (Transfer Matrix Method), wrote associated manuals, presented tool to engineers.
	Use of <u>API 684 and 617</u>
Company	Placement in aeronautics industry
Witry, France	Repairs to fighter plane fuel tanks (Rafale, Mirage)
2010	<ul> <li>Production of oil tanks for aircraft hydraulic systems (Airbus) including exposure to multiple NDTs</li> </ul>
EDUCATION	
University	MSc Thermal Power – Rotating Machinery, Engineering and Management
2011-2012 (UK)	Gas turbines (performance, simulation & diagnostic), materials, rotating electrical equipment, steam turbines, pumps, compressors, piston engines, CFD fuels & combustion, management for technology.  Thesis: sponsored by BP, "on-line compressor washing optimisation"
	Awarded Course Director's Prize in recognition of academic achievement
University	Master's Degree from Paris University
2010-2011 (France)	Mechanical design, mechanics, fluid mechanics, turbomachinery.
	Design of a glass scratching machine for research purposes. Led to an original
	design that was being patented. Received "Gold Medal" reward upon completion, ranking 2 <sup>nd</sup> out of 1126 studen
University	Bachelor's degree in Mechanical and Industrial Engineering (Honours)
2009-2010 Oehmichen	Ranked 4 <sup>th</sup> out of 1107 <i>Paris University</i> <b>2-year preparation course for engineering school, core subject: Mechanics</b>
2007-2009	Final year project about accelerometers in submarine robots
Secondary school < 2007	Scientific French "baccalauréat" passed with Honours (High school leaving diploma) Core subject Engineering Sciences
	Senior Rotating Equipment Engineer, Technical Authority level 1 for The Netherlands, Southern North Sea UK/NL and Germany
	Head of Total E&P Rotating Machinery Department, ETN President (European Turbines Network)
	Senior rotating machines engineer ( <i>Total E&amp;P</i> Rotating Machinery Dept.)  Vibration specialist  Head of Royals and Propulsion Department at City University
	Head of Power and Propulsion Department at City University

## **AFTER**



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BEFORE AFTER

### **SKILLS** Languages French: native language English: fluent (TOEIC: 990) Dutch: basic Spanish: basic Arabic dialect: basic Written Arabic: basic Certifications Chartered engineer CEng MIMechE **EUR ING (European Engineer)** ISO 18436 CAT III Vibration Analyst (Mobius) ISO 18436 CAT II Vibration Analyst (BINDT) Full VCA (Veiligheids Checklist Aannemers) (Dutch HSE course) H2S certification Offshore certificates (BOSIET and MIST) I.T. skills Word, Excel, Power Point, Access Office suite CMMS SAP BluePrint (Computerised Maintenance Management Software) Rotordynamics Bently Nevada software Bently rack configuration software, Adre SxP Catia, Solidworks Icem, Turbogrid, Fluent, CFX Computation Mathematica, Mathcad, Mathlab Simulation Simulink, LabView HTML, Visual Basic, VBA, Fortran 90, SQL, LaTeX Languages Personal Curious Team player, open-minded and sociable Not afraid to get my hands dirty Problems solver Indoor football, jogging, rowing Technology Antiques STEMNET: As a registered STEM ambassador, I take part in various science and technology related events. By way of interactive talks, workshops and competitions, I engage with children to encourage them to enjoy STEM subjects.

THE ORIGINAL DOCUMENT HAS BEEN CONDENSED TO A RECOMMENDED LENGTH AND AS A RESULT IS CLEARER AND MORE SUCCINCT.