

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** 

## AFTER

## Joseph Yates

Click in to see my profile DOB: 08/01/1989 French nationality Driving licence

#### 1 Briar Gate, Long Eaton, Nottingham NG10 4BJ, UK +44 123 456 789 joseph.yates@gmail.com **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.

**Company UK** Gt. Yarmouth, UK 10/2016 - Present

Multi-discipline engineer responsible for Clipper platform (525 MMscf/d) Refreshing condition-monitoring strategy, reduced contract costs, improved effectiveness Solved major vibration issues (hot restart, high speed resonance) adding >0.6 vibration, production sand issues, valve selection

**Rotating and Static Equipment Engineer** 

**Company UK** (off/onshore) Bacton, UK 03/2016 to 10/2016

**Company UK** 

2014 - 2016

**Company UK** 

Assen, NL

2012 - 2014

## 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 Rotating Equipment Engineer – Problem Solving Team member Increasing plant availability (900 MMscf/d gas, 8k b/d condensate capacity) • Leading investigations, solutions design and implementation: increased gas compression availability and addressed long-standing integrity issues Lead position to upgrade obsolete reciprocating compressors including new safeguarding and control systems, managing complex project across organisations • Providing support to offshore platforms (Leman Alpha and Clipper) **Rotating Equipment Engineer** Gt. Yarmouth, UK Responsible for Leman offshore platform machines (280 MMscf/d cap.) • Important deferment reduction via field balancing/vibration surveys/ troubleshooting using ADRE 408. • Designed in-house performance monitoring software allowing us to extend compressor washing frequencies, 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) **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 electric driven API 618 reciprocating compressors. • Successfully completed the Graduate program including multiple detailed

courses/workshops at various OEMs in Europe.

	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	Rotating & Static Equipment Engineer     10/2016-date     10/2016-date     Company – Clipper Platform (525 MMscf/d), Great Yarmouth, UK					
Summary	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). KEYACHIVEVENENTS					
	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					
	Insured overall plant integrity per forming fitness for service analysis using engineering calculations and industry codes, also assessing potential consequences, defining time for resolution and designing in- house 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)					
	<ul> <li>Rotating Equipment Engineer</li> <li>2014-2016</li> <li>Company – Leman offshore platform machines (280MMscf/d cap), Great Yarmouth, UK</li> </ul>					
	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 qnabled extended compressor washing frequencies					
	gradied extended compression washing requercises Delivered significant deferment reductions through the completion of field balancing (without vendor support) and turbine control system modifications following vibration surveys and troubleshooting using ADRE 408					
	Successfully delivered numerous cost reduction initiatives, including insourcing gas engine maintenance resulting in £100k per annum savings					



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# BEFORE

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<b>Company</b> Witry, France	<ul> <li>Placement in Rotating Machinery department (Front End Projects)</li> <li>Objective: create software to assist project engineers in evaluating centrifugal compressors from different manufacturers.</li> <li>Application of the tool <u>achieved significant savings</u> by allowing Total to challenge OEMs' conservative requirements and develop optimised designs.</li> <li><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.</li> <li>Use of <u>API 684 and 617</u></li> <li>Placement in aeronautics industry</li> <li>Repairs to fighter plane fuel tanks (<i>Rafale, Mirage</i>)</li> <li>Production of oil tanks for aircraft hydraulic systems (<i>Airbus</i>) including exposure to multiple NDTs</li> </ul>		<ul> <li>Trainee Rotating Equipment Engineer</li> <li>Company - 120 small onshore gas / oil fields, Assen, Netherlands</li> <li>Gained experience in RCAs, field troubleshooting, maintenance optimisation and techno-economic stu on API 618 reciprocating compressors, magnetic bearing compressors and pumps. Successfully compl Company Graduate Programme, with months of in-depth courses at various OEMs in Europe.</li> <li>KEY ACHEVEMENTS</li> <li>Played a pivotal role in managing a 60.5 million condition-monitoring retrofit project across the mace fleet after initiating its combination with safeguarding improvements.</li> <li>Placement – Rotating Machinery Department (Front End Project)</li> <li>Total, Pau, France</li> <li>Acquired skills in compressor design, thermodynamics and rotordynamics. Responsible for creating softs to assist project engineers in evaluating bids from manufacturers</li> <li>KEY ACHEVEMENTS</li> <li>Created an innovative software generating physical rotor from process specifications and then asses vibration stability over predicted speed range, the tool achieved significant savings by enabling Tot challenge OEM requirements and optimise designs</li> </ul>	idies, leted chine 111 ware ssing
<b>Jniversity</b> 2011-2012 (UK)	MSc Thermal Power – Rotating Machinery, Engineering and Management Gas turbines (performance, simulation & diagnostic), materials, rotating electrical equipment, steam turbines, pumps, compressors, piston engines, CFD, fuels & combustion, management for technology. Thesis: <b>sponsored by BP</b> , "on-line compressor washing optimisation" Awarded Course Director's Prize in recognition of academic achievement	Education	<ul> <li>MSc Thermal Power – Rotating Machinery, Engineering &amp; Management 2011-20</li> <li>Cranfield University, UK</li> <li>Awarded Course Director's Prize for Academic Achievement</li> <li>Thesis (Sponsored by BP): "On-line compressor washing optimisation"</li> <li>Master's Degree 2010-20</li> <li>Arst et Métiers ParisTech, France</li> <li>Gold Medal Award; ranked 2<sup>md</sup> out of 1126 students</li> </ul>	
University 2010-2011 (France) Iniversity 009-2010	Master's Degree from Paris University 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 students Bachelor's degree in Mechanical and Industrial Engineering (Honours) Ranked 4 <sup>th</sup> out of 1107 Paris University		Bachelor's Degree (Honours) Mechanical & Industrial Engineering       2009-20	10
Dehmichen 007-2009 econdary school 2007 REFERENCES	2-year preparation course for engineering school, core subject: Mechanics Final year project about accelerometers in submarine robots Scientific French "baccalauréat" passed with Honours (High school leaving diploma) Core subject Engineering Sciences Senior Rotating Equipment Engineer, Technical Authority level 1 for The	Competencies	IT Skills     Word, Excel, PowerPoint, Access, SAP BluePrint, Mathematica, MathCAD, Mathlab     Bently Rack Configuration Software, Adre SxP, Catia, Solidworks, Icem, Turbogrid, Fluent, CFX     Simulink, LabView, HTML, Visual Basic, VBA, Fortran 90, SQL and LaTeX     Ianguages     Native French, Fluent English (TOEIC: 990) and Basic Dutch, Spanish and Arabic	
	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 (Total E&P Rotating Machinery Dept.)	Interests	Indoor football, jogging, rowing, technology and antiques	
	Vibration specialist Head of Power and Propulsion Department at City University	Volunteering	Registered STEM Ambassador – participating in various science and technology related events and enga children in STEM subjects via interactive talks, workshops and competitions	ging



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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 Office suite CMMS Rotordynamics Bently Nevada software CAD CFD Computation Simulation Languages	Word, Excel, Power Point, Access SAP BluePrint (Computerised Maintenance Management Software) RotorInsa Bently rack configuration software, Adre SxP Catia, Solidworks Icem, Turbogrid, Fluent, CFX Mathematica, Mathcad, Mathlab Simulink, LabView HTML, Visual Basic, VBA, Fortran 90, SQL, LaTeX	THE ORIGINAL DOCUMENT HAS BEEN CONDENSED TO A Recommended length and as a result is clearer and more succinct.
Personal	Curious Team player, open-minded and sociable Not afraid to get my hands dirty Problems solver	
VOLUNTARY	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.	