**Mohammed**

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I am a mechanical engineering graduate, seeking a position in the field of pipeline engineering. I have recently graduated from Newcastle University (2016-2017), on the masters programme in Pipeline Engineering.

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| Date of Birth | 26th February, 1995 |
| Nationality | Indian |

**Academic Qualifications**

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| 2016–2017 | Newcastle University, U.K | MSc, Pipeline Engineering  (75 % till 2nd semester) |
| 2012–2016 | Loyola ICAM College of Engineering and Technology, Chennai | B.E Mechanical Engineering  G.P.A: 8.4/10 |
| 2000–2012 | St.Bede’s Anglo Indian Higher Secondary School, Chennai | X standard: 83.4%  XII standard: 93.9 % |

**Relevant subjects of M.Sc.**

* **Materials and Fabrication:** provided an understanding of how initial manufacture, design considerations and subsequent operational duty influence the correct choice of pipeline materials and pipeline fabrication processes, and thereby provide methodologies and criteria for this.
* **Corrosion and Corrosion Control:** gave an overview of corrosion theory coupled with the knowledge of the working practices of corrosion control in the pipeline industry
* **Design and Construction:** Studied about the design principles and construction methods of onshore and offshore pipelines, onshore route selection and related consent and legal issues, pipeline testing and commissioning procedures.

**Internship**

May 2016 - Aug 2016: Ranipet Tannery Effluent Treatment Co. Ltd, India.

* Studied about process operations involved in the effluent plant.

**Project Work**

Postgraduate (Nov 2016- Present)

* This work is aimed at accurately predicting the residual stresses caused by the welding process of pipelines by using finite element analysis which is important for determining fatigue life and other assessment of pipelines.

Undergraduate (Jan 2016-April 2016)

* This project was based on designing and analysing a connecting rod using aluminium reinforced with silicon carbide and fly-ash, with the aim of reducing the weight of the component and improving the performance of engines.

**Software Skills**

* ANSYS, Solidworks, AutoCAD, Microsoft Office.

**Personal Achievements**

#### Received “Academic Scholarship”.

* Completed a course on ‘Personality and Career Enhancement –Life Skills’ conducted by the English department during my undergraduate degree and secured an “A” grade.

**Trainings and seminars attended**

* Participated in the ISTE-Srinivasa Ramanujam Mathematical Competition conducted by Indian Society for Technical Education, 2012-13.
* Attended a National level workshop titled Skill Enhancement program conducted jointly by CUIC, Anna University-Renault-Nissan for 10 days.
* Attended training at Goodwin motors in India and gained hands-on experience on assembling and dismantling engines.