

**PROFESSIONAL EXPERIENCE**

<b>Assistant Manager - Projects - Lucky Cement Limited;</b>	Oct 2018
<ul style="list-style-type: none"> <li>• Project planning, study and review of project parameters and assistance to Project Manager.</li> <li>• Planning and forecasting of materials and other resources for the project.</li> <li>• Technical analysis of designs with correspondences with supplier's engineer over preferred deviations.</li> <li>• Follow-up on day to day activities at site from multiple contractors.</li> <li>• Preparation of documents\drawings including BOQs, As-built, testing protocols, etc.</li> <li>• Monitoring compliance to applicable engineering and HSE standards.</li> </ul>	- Present
<b>Trainee Engineer - Mechanical Maintenances - Lucky Cement Limited;</b>	Oct 2017
<ul style="list-style-type: none"> <li>• Designed and implemented condition monitoring strategy for the new cement line.</li> <li>• Used Excel along with tools of preventive maintenance to develop an interactive maintenance log.</li> <li>• Revived up grinding mill centralized grease lubrication unit using RCA.</li> <li>• Presented a compatibility report on interchangeability of spares with other production lines.</li> <li>• Managed a team of 13 technical workers for routine maintenance and shutdown activities.</li> </ul>	- Oct 2018
<b>Engineering Intern-Product Development – Indus Motor Company;</b>	Jun 2015
<ul style="list-style-type: none"> <li>• Studied localization procedures and parts inspection standards (PIS) of Toyota Production System.</li> <li>• Suggested an engineering solution for geometric distortions of fuel tubes during handing.</li> </ul>	- Jul 2015

**EDUCATION**

<b>Bachelors of Engineering - NED University of Engineering and Technology;</b> Mechanical Engineering.	Jan 2013 - Jan 2017
<b>Intermediate Education - Board of Intermediate Education Karachi;</b> Pre-Engineering.	Sept 2009 - Sept 2012
<b>Matriculation - Board of Secondary Education Karachi;</b> Science.	Aug 2007 - Aug 2009

**PROFESSIONAL & ACADEMIC PROJECTS**

<b>3500TPD Cement Plant Erection Project in IRAQ-Lucky Cement Limited;</b>	Mar 2019 – Ongoing
<ul style="list-style-type: none"> <li>• Installation 5 stage single string Preheater.</li> <li>• Supervised installation, alignment and welding of Rotary Kiln.</li> <li>• Responsible for the installation of IKN Clinker Cooler through remote supervision from Germany.</li> <li>• In charge for Fuel Oil, utilities piping and nonstandard fabrications.</li> <li>• Record keeping, correspondences with supplier and executer.</li> </ul>	
<b>2000 TPD limestone Crusher &amp; 2 KMs long belt conveying-Lucky Cement Limited;</b>	June 2018 - Mar 2019
<ul style="list-style-type: none"> <li>• Erection of twin rotor hammer crusher along with auxiliaries.</li> <li>• Erection of double girder overhead crane.</li> <li>• Test Runs and commissioning of above equipment.</li> <li>• Prepared documents including As-built, lubrication-vibration data record, critical spares, etc.</li> </ul>	
<b>Design, Fabrication of Tesla Turbine and Comparison with Pelton Wheel- FYP</b>	Jan 2016 - Jan 2017
<ul style="list-style-type: none"> <li>• Modeling of turbine assembly in CAD.</li> <li>• Internal Flow Simulation and design validation.</li> <li>• Fabrication of working prototype along with rope type dynamometer.</li> <li>• Comparative analysis with Pelton wheel</li> </ul>	
<b>NED Formula Racing- NEDUET Formula Student Team- FSAE ITALY 2016</b>	Aug 2015- Oct2016
<ul style="list-style-type: none"> <li>• Designed and Developed powertrain components and wheel assemblies for the formula car.</li> <li>• Calibrated engine operating parameter with the intake and exhaust design.</li> <li>• Mapped the engine for optimal performance using aftermarket programmable ECU.</li> <li>• Designed and build customized wiring loom for the aftermarket ECU.</li> <li>• Primary race driver at the international event.</li> </ul>	
<b>4CH Radio Controlled Aircraft – Propellair NEDUET 2014</b>	Jan 2013- Oct 2014
<ul style="list-style-type: none"> <li>• 2-Stroke compression ignition engine with wing span of 42 inches.</li> </ul>	

**TECHNICAL TRAININGS & LINGUSTIC**

FAG-INA Bearing Mount and Dismounting techniques.  
 FAG-INA Root cause bearing damage analysis.  
 English CEFR C1.  
 Deutsch CEFR A1.

**SKILL & HOBBIES**

3D modelling and simulations.  
 Part designing.  
 MS Office.  
 Technical analytics.  
 Automotive enthusiast.  
 Travelling.  
 DIY Projects.  
 Running & trekking.