


Curriculum Vitae

<p>PERSONAL INFORMATION</p> 	<p>NAME: PRADEEP KUMAR</p> <p>Address: New Delhi, India</p> <p>Contact Number: (+91) 9968474165</p> <p>Mail Id: pradeepkaundal@live.com</p> <p>Passport Number: N3469166</p> <p>Skype Name: pradeepkaundal@live.com</p> <p>LinkedIn URL: https://www.linkedin.com/in/pradeep-kumar-b18a3494/</p> <p>Sex: Male Date of birth: 16/06/1991 Nationality: Indian</p>
<p>PERSONAL STATEMENT</p>	<ul style="list-style-type: none"> • A multi-faceted professional with over four years of experience as a Mechanical Engineer in a defence sector company • Managed a small team of Technician • Hands-on experience in developing and verifying mechanical components, managing Solid Modeling and Sheet Metal works • Conversant in using designing tools such as AutoCAD and Solidworks • Skilful in documenting technical data (BOM) in MS Excel and optimizing designs for cost and manufactures • Skilful in Data Analysis and Machine Learning Python, SQL • Conversant with data visualisation using Tableau • Excellent Team player with good analytical, interpersonal and communication skills • Self-motivation, enthusiasm, flexibility drive and a person of CAN DO attitude
<p>WORK EXPERIENCE</p>	
<p>Apr 2017 - Oct 2018</p>	<p>Engineer Technical</p>
	<p>3S Sensors & Systems Technologies Pvt. Ltd., New Delhi, India</p>
<p>Nov 2014 - Mar 2017</p>	<p>Engineer Technical</p>
	<p>MicroMet ATI India Pvt. Ltd., New Delhi, India</p>
<p>Responsibilities</p>	<ul style="list-style-type: none"> • Managing solid modelling by utilizing AutoCAD and generating parts lists, part drawings and assembly drawings • Maintaining technical data (BOM) using MS Excel and optimizing designs for cost and manufacture • Maintaining vendors data and coordinating & following-up with them for realization of parts • Analyzing and resolving technical issues during installation, manufacturing & maintenance • Executing various RF tests at each stage of development with RF and Software Engineers • Utilizing various measuring instruments like Spectrum Analyzer, Oscilloscope, Signal Generator and Vector Network Analyzer • Designing and implementing live demonstrations • Performing field testing and maintenance • Conducting Electromagnetic Interference/compatibility (EMI/EMC), Vibration, Bump, Dust, Hi-Low Temperature, Humidity and Rain Test • Providing technical support on engineering standard work (ESW) and design practice (DP's) • Developing and verifying mechanical components

PROJECTS HANDLED			
At 3S Sensors & Systems Technologies Pvt. Ltd.			
Project Title and Duration:	Ground Surveillance Radar System, Apr 2017 - Oct 2018		
Name of the Client:	Border Security Force, Indian Army		
Designation:	Engineer Technical		
Project Description:	X-Band Radar system developed to monitor various activities near the border area		
Key Deliverables:	<ul style="list-style-type: none"> Accountable for designing, electronic packaging, installation & maintenance Maintaining technical data (BOM) using MS Excel System Testing Provided Field Trials and Live Demos 		
At MicroMet ATI India Pvt. Ltd.			
Project Title and Duration:	Birds Detection & Monitoring Radar System, Jan 2015 - Sep 2016		
Name of the Client:	Airport Authority of India, Indian Air Force		
Designation:	Engineer Technical		
Project Description:	A Radar system developed to monitor and deter birds activities around the runways		
Key Deliverables:	<ul style="list-style-type: none"> Managed Solid Modelling, Testing, Assembly, Maintenance, Electronic Packaging, BOM, Field Trials and Live Demos 		
Project Title and Duration:	Gun Barrel Cleaning System, Dec 2014 - Dec 2015		
Name of the Client:	Indian Army		
Designation:	Engineer Technical		
Project Description:	A system consists of a pneumatic cylinder and set of brushes travel through the barrel to clean		
Key Deliverables:	<ul style="list-style-type: none"> Designed, drafted and provided direction and support to the Technicians Coordinated with vendors and maintained database of Bill of Material (BOM) 		
EDUCATION			
Jul 2014	Bachelor of Technology in Mechanical and Automation Engineering from Guru Gobind Singh Indraprastha University, India		
Sep 2013	Diploma in Product Designing from CAD Centre, New Delhi, India		
Jul 2019	Certification in Data Science & Machine Learning		
KEY SKILLS			
	<table> <tr> <td> <ul style="list-style-type: none"> Design and Development MS Excel Tableau Data Visualization Radar Development Live Demonstration Resolving Technical Issues </td> <td> <ul style="list-style-type: none"> Python Machine Learning SQL Electronic Packaging Installation and Maintenance Planning and Scheduling RF Testing </td> </tr> </table>	<ul style="list-style-type: none"> Design and Development MS Excel Tableau Data Visualization Radar Development Live Demonstration Resolving Technical Issues 	<ul style="list-style-type: none"> Python Machine Learning SQL Electronic Packaging Installation and Maintenance Planning and Scheduling RF Testing
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References: Available upon Request