

Kumar Ranjan

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Objective

Build kick-ass products &amp; services around Artificial Intelligence and drive the business around it

**Experience**

Mean Metal Motors Pvt. Ltd. <i>Director, Artificial Intelligence</i> <i>Jan., 2017- Present</i>	<ol style="list-style-type: none"> <li>1. Heading the development of <b>Autonomous Modules</b> for their electric car M-Zero which is due for production in 2019 by <b>Tazzari, Italy</b></li> <li>2. Branching out the technical division for various <b>RnD projects</b></li> <li>3. Channelling various tech based projects into <b>revenue generating assets</b></li> <li>4. Helping integrate partnerships with various technical institutions like Nvidia and bridging Industry-Academia Interface</li> </ol>
LEADS (Lucknow Entrepreneurship And Development Society) <i>Founder &amp; Managing Director</i> <i>September 2017 - Present</i>	<ol style="list-style-type: none"> <li>1. A unique platform for developing and <b>nurturing</b> the startup <b>eco-system</b> of Lucknow, so far, we have 10 budding start-ups</li> <li>2. LEADS offers a match making opportunity for startups and <b>investors</b> who align in their vision</li> <li>3. LEADS is promoting entrepreneurship with academic institutions to create <b>employment</b> for Uttar Pradesh</li> <li>4. We closely align with the government policies to promote entrepreneurship in the fields of <b>Agriculture</b> and <b>Waste management</b></li> </ol>
Raamukaaka Enterprizes Pvt. Ltd. <i>Former, Co-Founder &amp; CEO</i> <i>June, 2016- Dec, 2016</i>	<ol style="list-style-type: none"> <li>5. Catalyst in scaling the business from a <b>revenue</b> of <b>Rs 7,000</b> in June, 2016 to <b>Rs 75,000</b> in November, 2016</li> <li>6. Brought company to a <b>Break Even</b> in terms of operations</li> <li>7. Setup the <b>Scheduling</b> Process for smooth delivery &amp; operations of chefs in Pune Suburban</li> <li>8. Efficient utilization of <b>marketing</b> budget to find best <b>channels</b> to reach to our required customer base &amp; <b>Brand</b> the services</li> <li>9. Developed a system for smooth <b>customer experience</b></li> </ol>
Ingersoll Rand (India) Ltd. <i>Graduate Engineer Trainee</i> <i>July 2015 to April 2016</i>	<ol style="list-style-type: none"> <li>1. Handling <b>'After Market'</b> Sales &amp; Services profile for the Distribution in West Zone (Maharashtra and Goa)</li> <li>2. Lead a project on <b>'Data Analytics'</b> as a <b>Data consultant and an Analyst</b> to provide a front-end sales tool for the visibility of the business in association with <b>Gramener.com</b></li> <li>3. Did the POC for Maharashtra which involved taking past year's Sales data and mapping it into various channels of analytics to find the sales trends and achieve sales process optimization</li> </ol>
Project Manas <i>Founder, Former Team Leader &amp; Mentor</i> <i>May 2014 to Jan 2017</i>	<ol style="list-style-type: none"> <li>1. Project MANAS is developing India's first <b>Autonomous Vehicle</b>, and our team is one of the India's top 13 teams to qualify for <b>Mahindra's Spark the Rise</b>: a one-million-dollar Challenge.</li> </ol>
Formula Manipal <i>Sep. 2011 - Sep.2012</i>	<ol style="list-style-type: none"> <li>1. Worked under Formula SAE as a designer and manufacturer of Jigs and Fixtures for the chassis of FM X3. The car raced in FS <b>Germany, Czech Republic</b> and <b>Austria</b>.</li> </ol>
National Children Science Congress <i>Team Leader</i> <i>August 2007 to Dec. 2007</i>	<ol style="list-style-type: none"> <li>1. Conferred with the title of <b>State Child scientist</b> for presenting a project on Biodiversity- Nurture Nature for a better Future which was chaired by our former president <b>Dr. Abdul Kalam</b> and <b>Prof. Yashpal</b>.</li> </ol>

**Achievements**

1. **Guest Speaker** at NASSCOM COE-IOT, 2017 on **Connected Cars** and IOT alongside Mr. Mahesh Babu, CEO, Mahindra Electric. Introduced an idea called the Lattice which is a V2Xs network protocol which helps all the connected vehicles and infrastructure to share data seamlessly over the network.
2. **Guest Lecturer** at **ONGC** (Oil & Natural Gas Corp. Ltd.), Uran during the 'Productivity week 2016' to deliver a talk on **'Ease of doing Business for higher productivity and sustainability'**
3. **Guest speaker** at **IIM-Lucknow** to deliver a talk on Entrepreneurship and how to start up.

4. *India top 50 in Trade Mogul 2014, an online trading game by Futures First*
5. **Published** a paper on "**Connected Cars**" with the title "**Lattice Artificial Intelligence**" in *IEEE Journal*.
6. **Published** a paper in *International Journal of KONES- 2013* on carbon nano tubes, titled **IMPROVING CRASHWORTHINESS BY DAMPING VIBRATIONS IN CFRP COMPOSITE STRUCTURES USING CARBON NANOTUBES SPRINGS**
7. Shortlisted in **India top 50**; scored a rank of 40 in *Altair Optimization Contest- 2013* using *Hyperworks* software.

#### Certifications

1. *Machine Learning* by Andrew NG from Coursera
2. *Artificial Intelligence* by Sebastian Thrun from Udacity
3. *Research Designs & Standards Organization*
4. *Engineers India Ltd.*
5. *ARAI (Automotive Research Academy of India)*
6. *MIT EDx ("Elements of Structure")*

#### Skills

Artificial Intelligence	Proficient in designing architectures for various projects like Driverless Cars, Poker game and Medical applications
Programming	Proficient in coding using Python; Currently working on Machine learning projects using advanced libraries like Tensor Flow and models like R-CNN

Educational Qualifications	University/College	Score
B. Tech, Mechanical (2011-2015)	MIT, Manipal	7.1 CGPA
Intermediate (2010)	St. Fidelis, Lucknow	88%
High School (2008)	St. Fidelis, Lucknow	90%

#### Hobbies

Painting | Swimming | Basketball | Quizzing | Photography | Riding & Driving