

RAJEEV REDDY DUVVURU

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ACADEMIC QUALIFICATIONS			
2015	B.Tech (Hons.) + M.Tech dual degree Chemical Engineering	IIT Kharagpur	8.09/10.00
2010	Class XII	Sri Chaitanya Junior College, Vijayawada	92.8 %
2008	Class X	Gowtham Concept School, Gudivada	87.16 %
ACADEMIC DISTINCTIONS		<ul style="list-style-type: none">Secured among top 0.4% in IIT JEE, 2010 and top 0.14% in AIEEE (B.Tech), 2010.Have successfully completed free online offerings of the courses:<ul style="list-style-type: none">Introduction to Databases , Machine Learning provided by Stanford University.An Introduction to Interactive Programming in Python by RICE University.Mongo DB for Database Administrators by MongoDB, Inc.Scraping and Data Mining for Beginners and Pros by Udemy.Real-Time Analytics with Apache Storm by Udacity.Introduction to Big Data with Apache Spark by UC Berkeley and Databricks on edx.	
SKILLS			
PROGRAMMING LANGUAGES		C, C++, Ruby, Python Web Related: HTML, CSS, JavaScript, SQL, MongoDB, PHP, Node.js, Ruby on Rails, Python Tornado	
SOFTWARES & SKILLS		<ul style="list-style-type: none">Microsoft office, PhotoshopMatlab, Git	<ul style="list-style-type: none">Apache Spark, Apache StormWeb Scraping & Crawlers
SUMMER INTERNSHIPS/PROJECTS			
JustEat.in (Technical Intern) (May 2014 – July 2014)		<ul style="list-style-type: none">Worked in a two person team to develop the responsive version of the current website using Twitter Bootstrap. Implemented a javascript file, module loader using RequireJS and also its optimizer r.js for optimizing the script files.Developed tools like Delivery Area Mapping, Automatic polygon generator for mapping areas based on either Drive Time or Drive Distance using Google Maps API.Achievements: Worked as an equal member of a three person team to develop a full-fledged map based restaurant searching app which won Intra-Company Hack day, by managing the whole javascript part of the app which also involved integration of JustEat data with Google Maps API.	
BPCL Refinery Mumbai (May 2013 – July 2013)		<ul style="list-style-type: none">Worked alone on a technical project titled Study & design of plate type heat exchanger for product heat recovery at the Bharat Petroleum Corporation Limited refinery in Mumbai.	
Robosoccer (Mechanical Design Team and Web Developer) (Feb 2011 – Aug 2014)		<ul style="list-style-type: none">The project aims on developing autonomous robots for playing soccer.As part of the project, our research group developed 5 working autonomous robots which took part in the international event FIRA (Federation of International Robot soccer Association) – 2013 held in Malaysia.Developed and maintained the website for our research group KRSSG.Was part of organizing team, developed website for our in house competition Code-O-Soccer.	
Ted Talks Similarity		<ul style="list-style-type: none">An application comparing TED talks for similarities using NLP and the talks close captions (subtitles).A blog post explaining the use case and my implementation was created along with a working screenshot of the app.	
Gobble Up		<ul style="list-style-type: none">A restaurant recommendation app based on Health Inspection results developed using publicly available New York City data.A geolocation based API service was created for mobile apps and a sample iOS app was developed using Swift.	
Tasks Queue		<ul style="list-style-type: none">A test app implementing a queuing service using Celery (with rabbitmq) and Python Tornado.	
SkunkWorks		<ul style="list-style-type: none">This consisted of a collection of applications developed on NodeJS, Web sockets.A real time tweet visualizer on Google maps and tweets sentiment analyzer was implemented.	
Audio Fingerprinting		<ul style="list-style-type: none">A Music Comparison app using Audio/Acoustic Fingerprinting concept, developed using Ruby on Rails, Chromaprint fpcalc tool.This app is being showcased at Red Hat's OpenShift Developer Spotlight.	
Social Graph		<ul style="list-style-type: none">Facebook Social Graph Visualization developed using Ruby on Rails and D3.js for visualization.	
Quakes		<ul style="list-style-type: none">Earthquakes Data Visualization Using Google maps API and USGS earthquake data.This app is being showcased at Mozilla Developer Network's Demo Studio.	
A detailed list of all my 18 web projects along with the certifications can be found in my website http://rajeev-reddy.com .			

POSITIONS OF RESPONSIBILITY	
Captain Inter hall Hardware Modeling Team, Nehru Hall IIT Kharagpur (2013-2014)	<ul style="list-style-type: none"> Worked as one of the three captains who spearheaded our hall's team to develop a robot which mimics human hands movements using muscle EMG sensor and Inertial Measurement Unit.
Web Team Head Shaurya, IIT Kharagpur & ChemInsight, IIT Kharagpur	<ul style="list-style-type: none"> Was responsible for developing the whole backend and features like User/Team Registration, Login, etc. for the website of Shaurya 2012. Developed the whole website (Frontend & Backend) for ChemInsight 2013.
Mess Committee Member Nehru Hall, IIT Kharagpur (2011-2012)	<ul style="list-style-type: none"> Created a prototype portal for online mess system for the whole hostel which included features like user registration, login, meals choice, weekly bill, etc.
EXTRA CURRICULAR ACTIVITIES	
Technology	<ul style="list-style-type: none"> Participated in various hackathons like Yahoo HackU (2012, 2013), Microsoft Code Fun Do (2012, 2013), NASA Space Apps Challenge 2014. Was part of award winning Inter Hall OpenSoft team (2012-Gold, 2013-Silver) of Nehru hall of residence. Participated in various Technical events like Laws of Motion in Kshitij 2012 and NSSC 2011.
Sports	<ul style="list-style-type: none"> Member of NATIONAL SPORTS ORGANISATION (Lawn Tennis) during 2010-11 & 2011-12 Part of award winning Basketball team (2014-Bronze, 2015-Silver) of Nehru hall of residence.