

# KUMAR UTSAV

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## EDUCATION

**North Carolina State University, Raleigh, NC**  
Master of Computer Science

**Dec 2015(Anticipated)**  
GPA: 3.61

**University of Pune, India**  
Bachelor of Engineering

**May 2012**  
First Class Graduate

## TECHNICAL SKILLS

<b>Languages</b>	C, Java, Ruby
<b>Web Technologies</b>	HTML, CSS, JavaScript, JQuery, AngularJS, JSP/Servlets, NodeJS, ExpressJS
<b>Databases</b>	PostgreSQL, MySQL, Oracle Database 11g
<b>Platforms</b>	Windows XP/7/8.1, Linux
<b>Tools</b>	Git, PhoneGap, Atlassian JIRA, Atlassian Confluence, VIM
<b>IDE</b>	Eclipse 4.x, Visual Studio 2010, IntelliJ IDEA 14, RubyMine 7, WebStorm 9

## RELEVANT COURSEWORK

Design and Analysis of Algorithms, Object Oriented Design and Development, Advanced Data Structures, Software Engineering, Advanced Algorithms and Internet Protocols.

## RELEVANT EXPERIENCE

**Strayatech, India** - Java Developer

**Nov 2013 – June 2014**

- Core team developer for designing and implementing a custom Java Framework using Play Framework.
- Developed server side module of Customer Relationship application using our own custom framework.
- Designed a single page front end of the Customer Relationship application using AngularJS.
- Provided multiplatform support by creating installable apps for iOS, Android and Windows using PhoneGap.

**Cognizant Technology Solutions, India** - Programmer Analyst Trainee

**Sept 2012 – April 2013**

- Received a rigorous six months training on Core Java, Advanced Java and Oracle Database 11g.
- Developed an MVC architecture based Share Market Management System in Java. Designed this system using Abstract Factory Pattern and Factory Pattern with front-end JSP and CSS.

## COURSE PROJECTS

- **Twitter Sentiment Analysis:** Used NodeJS platform to develop a web application to perform a basic sentiment analysis on the tweet stream and implemented Twitter Streaming API and ntwitter module of NodeJS for retrieving and managing the streaming data.
- **Google-Map based directions API for Sahana Eden (OSS):** Added Google Maps API v3 Maps Service and Directions Service to Sahana Eden (Open Source Disaster Management System) to assist their dispatch process of relief pack. This utility provided visual guidance to the truck drivers to reach the destination.
- **OSS Contribution to Sahana Eden:** Investigated the performance of different Script Loaders (HeadJS, LabJS, and RequireJS) to speed up the JavaScript loads within Sahana Eden.
- **OSS Contribution to Node Community:** Developed a Markdown to HTML parser in Node and published it to npm for anyone to download and use.
- **Direwolf Job Portal:** Designed and developed a Job Portal using Ruby on Rails, HTML and CSS. Designed a job recommendation algorithm based on previous job searches. Implemented testing usingRSpec.

## ACTIVITIES

- Technical Head for Association of Computer Engineering Students at Sinhgad Institute.
- Provided basic computer training at Future Darshan Yuva Welfare Society (NGO) in Delhi, India.