

# Chandra Shekhar

2200 Monroe Street, Santa Clara, CA-95050 | Phone: 650-889-8850

[chandra.shekhar@sjsu.edu](mailto:chandra.shekhar@sjsu.edu) | [linkedin.com/in/chandrashekhar91/](https://www.linkedin.com/in/chandrashekhar91/) | [github.com/cshekhar1337](https://github.com/cshekhar1337)

[Personal Website Link](#)

## SUMMARY

Software Engineering Graduate student seeking summer internship position.

## EDUCATION

### **Masters in Software Engineering**

San Jose State University, California, USA

Aug 15 - May 17(expected)

GPA 3.47

Relevant Coursework: Enterprise Software Platforms, Software Systems Engineering, Cloud Technologies.

### **Bachelor of Technology in Computer Science and Engineering**

Jaypee Institute of Information Technology, Noida, India

Aug 09 - July 13

Relevant Coursework: Data Structures, Object Oriented Programming, Fundamentals of Algorithms, System Programming, UNIX Programming, Database Systems, Discrete Mathematics.

## TECHNICAL SKILLS

**Programming** : C/C++, Python, PHP, Java, MySQL, Android, SQL, Ruby, Junit

**Web Technologies** : HTML5, CSS, JavaScript, MongoDB, Node.js, J2EE, JavaScript, JSON, Express.js

**Server Technologies and Tools** : GitHub, Eclipse IDE, Amazon Web Service, Google App Engine, Salesforce.com

**Platforms** : Linux, Windows, Mac

## PROJECTS

### **UML Diagram Generator**

**| San Jose State University | Fall 2015 |**

- Developed an application that translates Java source code to UML Class diagram.
- Had ability to capture complex class relationships directly from source code.
- Used ANTLR to generate Abstract Syntax Tree and PlantUML & GraphViz to generate UML Class Diagram.
- Technologies Used: PlantUML, GraphViz, ANTLR, Java.

### **Air Quality Monitoring using Mobile Sensor Cloud Computing**

**| San Jose State University | Fall 2015 |**

- Designed and developed mobile cloud components to establish mobile sensor cloud infrastructure with simulated sensors and sensor controllers by using AWS, Node.js, Android, MongoDB and MySQL.
- Used CloudWatch to monitor the cloud resources used by the application and develop a dashboard to display it. Integration of HighCharts to visualize the aggregated data in form of charts.
- Technologies Used: Amazon EC2, Amazon RDS, Node.js, Android, MongoDB, MySQL, CloudWatch, HighCharts, JSON, HTML, CSS.

### **Road Rage – A Driving game**

**| San Jose State University | Fall 2015 |**

- Designed and developed a 2D Java game using Greenfoot game Engine.
- Game used various design patterns and was written in a modular fashion with extensibility in mind

### **Photos Map App**

- Developed a Geo- tagging Android App which allows users to create a map of their visited places and share them with other users.
- Gives user option to edit the Exif metadata of the image. It also allows user to write text to the image.
- Gives user ability to store data remotely in the cloud.

### **Sudoku Solver & Generator**

- Developed a Java game using java swing which gives user ability to generate a Sudoku.
- It also allows user to solve a Sudoku. User just has to just enter the numbers in the grid and the application will solve the Sudoku.

### **Captcha Generator**

- Developed a PHP based Captcha implementation that generates different types of Captchas

## OTHER ACHIEVEMENTS

- A+ certificate in Android Training [Hewlett-Packard Educational Service].
- Event organizer of various cultural and technical events at JIIT college fest.
- Among top 2% of candidates in GATE 2014 [Graduate Aptitude Test in Engineering].
- AMCAT Score: Quantitative Aptitude 99 percentile, Computer Programming 99 percentile.
- Scored 95% in Computer Science in class X and class XII examination.