

# SAURABH SINGH RANA

4000 SW 37<sup>th</sup> Blvd | Gainesville, FL 32608  
(352)-745-5140 | [saurabh.rana@ufl.edu](mailto:saurabh.rana@ufl.edu)



## HIGHLIGHTS OF QUALIFICATION

- 3+ years hands on web development experience
- Ability to deploy application in MEAN stack
- Proficient web developer specializing in front end
- Well versed in AngularJS, NodeJS, JavaScript, Bootstrap 3
- Adept at successfully revamping Web sites to enhance user satisfaction, retention time and streamline navigation

## EDUCATION

### University of Florida

*Master of Science, Computer Science,*

- Courses: Computer Network Security, Algorithms, Cryptography

Gainesville, FL

*Jan 2015 – May 2017*

### Jaypee Institute of Information and Technology

*Bachelor of Technology, Computer Science,*

- Developed a Sentimental Analysis of real time news in PHP

Noida, India

*July 2011 – Dec 2014*

## EXPERIENCE

### Lutian Equipments and Private Ltd.

*Web Developer - Internship*

- Designed, developed, and deployed website using HTML, Nodejs and Express.

Delhi

*May 2016 – July 2016*

## SKILLS

- **Languages:** (Proficient) C/C++, JavaScript, SCSS
- **Markup & Formats:** Proficient with HTML, CSS, XML & JSON.
- **Database Systems:** Experienced with MySQL and MongoDB.
- **Libraries & Frameworks:** AngularJS, NodeJS, Express.js, Bootstrap, Socket.io, p5.js, Moment.js, EJS, AJAX, jQuery
- **APIs and Tools:** REST API, Git, Heroku, Amazon EC2, Amazon S3, Twitter API, NPM, Bower, Shodan API, Photoshop

## PERSONAL PROJECTS

**Mean stack Application [ MongoDB, Express, Angular.js, Node.js, REST API, Bcrypt.js, Moment.js, JWT, CSS3, Bootstrap ]**

**Demo -** <https://mittens-meow.herokuapp.com>

Developed a social networking web application like Twitter with functionalities to add tweets, delete tweets and sign up for a new account. Sign up for new account to post your first tweet, it's free.

**AngularJS Quiz Application [ Angular.js, Bootstrap, HTML ]**

**Demo -** <http://www.saurabhrana.me/angular>

Selected to design a responsive quiz and used the data in the form of the JSON document to inject it into the views by using different services and directives of Angular. With 3 different controllers that holds the model and binds relevant information into the view.

**NodeJS chat [ Node.js, Socket.io, Express, jQuery, HTML, CSS ]**

**Demo -** <https://tranquil-brook-39392.herokuapp.com/>

A Real-Time Chat Application built using Node.js, Express. Open the demo URL in multiple tabs and start chatting.

**Express Music [ Node.js, Express.js, CSS, EJS, AJAX, Bootstrap, HTML ]**

**Demo -** <https://express-music.herokuapp.com/>

A blog like website for music bands and artists built using Express with a real-time comment functionality built using AJAX.

**Tech News Search Engine [ JavaScript, AJAX, jQuery, HTML/CSS ]**

**Demo -** [www.saurabhrana.me/SearchEngine](http://www.saurabhrana.me/SearchEngine)

The search engine gathers the latest news articles from TechCrunch in real time and provides an easy search functionality.

**[Research] PBX: Private Branch Exchange: A Measurement Study on Vulnerable PBXs**

**Poster -** <http://saurabhrana.me/poster.pdf>

First ever research to conclude that one in every 10 PBXs are vulnerable to DOS and Exec Code attacks.