3158 John F Kennedy Blvd, NJ 07306 | **HARSH KEVADIA** | (502) 294-8180
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EDUCATION:

Stevens Institute of Technology, Hoboken, New Jersey
Master of Science in Computer Science, GPA: 3.91 **May 2018**
Course Work: Advanced Algorithm, Distributed Systems and Cloud Computing, Human Computer Interaction, Text Mining, Knowledge Discovery and Data Mining, Data Mining 2, Web Analytics, Web Programming, Web Programming 2, Cyber Security

Gujarat Technological University, Ahmedabad, Gujarat
Bachelor of Engineering in Computer Engineering, CGPA: 8.44 **May 2015**
Course Work: Artificial Intelligence, Operating Systems, Database Management

SKILLS:

Programming Language: C, Java, JavaScript, PHP, C++, Python, R, Android
Internet Technology: AngularJS, NodeJS, ReactJS, Redis, MongoDB, MySQL, Bootstrap, HTML5, CSS, GruntJS, GulpJS
Certifications: Cisco Certified Network Associate Routing and Switching V 2.0 (CCNA)
Frameworks and Tools: Scikit-learn, Hadoop, Arduino, Amazon EC2, AWS, Amazon EMR, Laravel, GNU, VR-Forces

EXPERIENCE:

Enersave Inc., Whippany, New Jersey **12/2016 – Present**
Graduate Full Stack Developer Intern
- Analyzing client requirements to design data models and to create database in MySQL for online lighting audit
- Developing responsive web application with administrator panel in Bootstrap, AngularJS, JQuery, and PHP
- Designing machine learning algorithm to detect lighting type and lumens from camera photo

Stevens Institute of Technology, Hoboken, New Jersey **12/2016 – Present**
Graduate Research Assistant • Research Engineer - System Engineering Research Center (SERC)
- Developing distributed simulation API by implementing MQTT protocol based Publish-Subscribe module in Java
- Implementing OpenRDF semantic layer on highly confidential DoD project to manipulate triple store data
- Formulating and simulating different scenarios in VT-MAK's simulation tool VR-Forces

Kahuna Systems, Pune, Maharashtra **06/2015 – 06/2016**
Software Engineer
- Developed Android application for MyLA311 (Los Angeles - smart city project) and ThroneVIP projects
- Implemented Google Cloud Messaging in Android to send and receive alerts and used Google Maps API
- Designed and implemented RESTful web services for the Android application and implemented JSON parser library
- Developed research and development based simulator for Sonography using Arduino framework and color sensor
- Created data filter using Java data structure and statistics to obtain accurate Wii remote movement

PROJECTS:

Salon Portal, Stevens Institute of Technology, Hoboken, New Jersey **Summer 2017**
- As team leader, designed and developed crowd-sourced based web application to publish salon information, current offers, user reviews, treatment charges, hair stylist information and reviews using NoSQL database
- Developed search, salon owner and normal user login and other functionalities using Passport, bcrypt library
- Accelerated server speed by implementing LFU cache algorithm using Redis

Hadoop Page Rank, Stevens Institute of Technology, Hoboken, New Jersey **Fall 2016**
- Coded in Java for computing the 'most popular' pages of Wikipedia using MapReduce model in Amazon EMR

Autonomous Land Vehicle, Gujarat Technological University, Ahmedabad, Gujarat **Fall 2014**
- Designed and developed prototype of autonomous car with sensors and artificial intelligence in 4-person team
- Increased efficiency by designing decision making algorithm to find best route and handle real-time abstraction
- Coded firmware using Arduino and C++ to control the self-driving car prototype.

ACHIEVEMENTS AND LEADERSHIP:

- Achieved **1st rank** in Avishkaar for **Innovative Project**, National Techno Festival Kshitij, 2015