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| [linked-in-icon](https://www.linkedin.com/in/rmodi10/) [linkedin.com/in/rmodi10](https://www.linkedin.com/in/rmodi10/)  [github_icon-icons](https://github.com/RahilModi) [github.com/RahilModi](https://github.com/RahilModi)  [rahilmodi.github.io](https://rahilmodi.github.io/) | | **Rahil Modi** | (510) 585-7576  San Jose, CA. 95112  rmodi10@gmail.com | |
| ***Education*** | | | | |
| |  |  |  | | --- | --- | --- | | ***San Jose, CA*** | ***San Jose State University*** | *Jan 2017 - Dec 2018* | | | | | |
| |  |  |  | | --- | --- | --- | | ***MS*** *in* ***Software Engineering*** | ***Specialization: Enterprise Software Technologies*** | ***GPA 3.7/4.0*** | | | | | |
| |  |  | | --- | --- | | ***Coursework:*** | OOP & Data Structures, Operating System, Enterprise Software Platforms, Enterprise Distributed Systems, Enterprise Application Development, Database Systems, Software Systems Engineering, Cloud Technologies | | | | | |
| |  |  |  | | --- | --- | --- | | ***Ahmedabad, India*** | ***L. D. College of Engineering*** | *Aug 2009 - Jun 2013* | | | | | |
| |  |  |  | | --- | --- | --- | | ***BE*** *in* ***Electronics And Communication*** |  | ***GPA 3.33/4.0*** | | | | | |
| ***Skills*** | | | | |
| |  |  | | --- | --- | | ***Languages*** | Java, JavaScript(ES6), C++, Python | | ***Technologies/Frameworks*** | Spring, Hibernate, MVC, Node.js, flask, REST, GraphQL, SOAP, gRPC, Zookeeper, AWS Lambda, RabbitMQ, Kafka, proto buffer | | ***Front-End Technologies*** | HTML5, CSS3, Bootstrap, AngularJS, React, Redux | | ***Tools/Libraries*** | Eclipse, IntelliJ, Git, SVN, Maven, Socket.io, Docker | | ***Databases*** | MySQL, SQLite, MongoDB, Redis, Cassandra, DynamoDB | | ***Design & Development*** | Agile, scrum, Design Pattern, OAuth2 | | | | | |
| ***Experience*** | | | | |
| ***Systems Engineer*** | | ***TCS (Pune, India)*** | *Mar 2014 – Dec 2016* | |
| *Nissan Motors Co. Ltd.*   * Designed & implemented 10+ features and enhanced existing functionalities of Automotive Diagnostic Software in C++. * Resolved 20+ issues by static-code & log analysis and fixed memory leaks leading to increase in performance. * Developed a POC of next-generation tool using RESTful services based on SOA in Java. * Assisted as a mentor in the on-boarding process and served as a release and build SPOC. | | | | |
| ***Software Engineer Intern*** | *Innoventaa Technocrats (Ahmedabad, India)* | | | *Jul 2013 – Jan 2014* |
| *eCommerce Website*   * Developed an eCommerce prototype with features such as product, purchase, user management, etc. * Technologies used: Java, J2EE, Hibernate, JDBC, MySQL, JSP, Servlet, HTML, AJAX, JQuery. | | | | |
| ***Technical Projects*** | | | | |
| **TinyURL (Spring Boot/Security, Zookeeper, Cassandra, Redis, OAuth2)**   * A highly scalable, fault-tolerant and distributed service to shorten URLs developed in Java/Spring Boot. * Achieved high coordination and availability using zookeeper and faster response time using redis caching.   **Help Others (MEAN stack, passport.js, socket.io, Heroku)**   * A 3-tier web application to post or volunteer for a work. * Key features: real-time & email notification, authentication using OAuth2 and badge sharing on Facebook.   **Pizza ordering system using AWS Lambda (Python, AWS Lambda, DynamoDB)**   * A server-less pizza ordering system based on AWS lambda and REST APIs, developed in Python using API Gateway and data persisted in DynamoDB.   **Face** **recognition web app (OpenCV, AngularJS, Python, Flask, mLab, Docker, AWS EC2**)   * Built a single page application for attendance and immigration system based on face recognition. * Dockerized application developed in python-flask using OpenCV and cloud based data persistence.   **Real-time Order Status Analysis (Java, Kafka, Spark, Zeppelin, D3.js)**   * Developed a real-time order status analysis system to track & visualize changes in orders status every second. * Accomplished high scalability using multi-broker Kafka with spark streaming in zeppelin & D3.js for visualization. | | | | |
| ***Awards*** | | | | |
| TCS “**On the Spot**” award for outstanding performance and bug-free feature roll out. ***Mar 2016*** | | | | |