

ACADEMIC PROJECTS:

- Designed and developed a hospital management system that contained various modules for doctor reserving a room for patient, service desk reserving a room and categorizing the ambulance requests/emergency medical requests. (**Full Stack, Test driven environment, Agile, GitHub, jQuery, Spring MVC, Hibernate, MySQL, HTML, REST API, JUnit, Taiga, Draw.io, Apache Tomcat**).
- Worked on 20+ Android Mobiles Apps for “Mobile Applications Development” course in a timed environment. (**Event handling, Thread, Thread pool, AsyncTask, JSON, XML Parsing, SQLite, Fragments, Postman, OkHttp, Firebase, Google Maps, Realm.io DB**).
- Developed a **MEAN Full Stack** app for showcasing, selling & categorizing new/used apparel from ground to fully functional. (**AWS, EC2, S3, Elastic Beanstalk, mLab, MongoDB, Express, Angular, NodeJS, HTML, CSS3, Bootstrap, ES6, Docker, Apache Tomcat**).
- Developed a strategic movie recommender system that suggests movie names based on similar rated movies. (**AWS, EC2, S3, Putty, Hadoop, MapReduce, Java, Spark, Scala, Docker**).
- Developed a predictive model for determining the possibility of a new customer taking term loan in a bank with an accuracy of 91% (**Neural Networks, Machine Learning Algorithms, R, R Studio**).
- During my course work, worked on various machine learning algorithms (**Python, Spyder**).

EXPERIENCE:

Eicher Motors Limited – Chennai, TamilNadu

- Built an android application “ReviewMe” for customer satisfactory reviews of delivered products. (**Android Studio, Genymotion**).
- Designed class diagrams for Customer Profiles Module and implemented it in a test-driven environment (**Java, Junit Testing**).

Signode India -- Hyderabad, Telangana

- Designed dynamic and multi-browser compatible pages for managing the inventory (**Test Driven Development, HTML5, CSS3, jQuery, JavaScript, Spring MVC, Bootstrap, Hibernate, Junit, Apache Tomcat**).
- Developed interactive graphs using D3.js.
- Modified existing software to correct errors, and improve efficiency
- Wrote maintainable and extensible code in a teamed environment (**Micro Services**)

RSK Healthcare – Chennai, TamilNadu

- Developed a Web Application “Healthgo” for online reservation and managing the doctor appointments. (**MongoDB with RSK Database, React, NodeJS, Express Framework, HTML, CSS, CSS3, Bootstrap**)
- Tested and did QA for various modules in the Healthgo App (**Test driven development, Jasmine**).

SRM – Aakash – Chennai, TamilNadu

- Developed a **MEAN** application for managing TEDx Events in SRM University using real time data in a test-driven environment. (**Full Stack, MongoDB, Express, Angular, NodeJS, HTML, CSS, JavaScript, Bootstrap**).
- Built an android application and a web portal for conducting exams for students of SRM University on an android powered device. (**Real Time Data, Android, Java, HTML, CSS, jQuery, Bootstrap**).
- Integrated data using **REST** and **SOAP** APIs.

EDUCATION:

Master of Science: University of North Carolina, Charlotte, NC, USA.

Dec - 2017

Major: Computer Science

GPA: 3.75/4

Bachelor of Technology: SRM University, Kattankulathur, Chennai, TN, INDIA.

Major: Computer Science

GPA: 9.2/10

TECHNOLOGIES AND TOOLS:

Angular 2,4, Typescript, NodeJS, Spring MVC, ReactJS Spring Boot, Hibernate, Maven, Docker, MEAN, Micro Services, REST, SOAP, HTML, HTML5, PHP, AJAX, jQuery, JavaScript, D3.js, Agile, Junit, Jasmine, NPM, MongoDB, Express, ES6, CSS3, Bootstrap, JSON, JDBC, Java, J2EE, JSP, Java Servlets, Hadoop, R, MapReduce, Android Studio, MySQL, Git, Brackets, Apache Tomcat, Xampp, Wampp, Eclipse, PhpStorm, Genymotion, Eclipse, R Studio.

CERTIFICATION & ACHIEVEMENTS:

- Information Security Specialist v1.0 by GeeksLAB Technologies Pvt. Ltd.
- **Joint Secretary and Web Development Head** for Team Aakash at SRM University for 2 years.