

# Vatsarajan Candhadai Ramaswamy

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**LinkedIn:** <https://www.linkedin.com/in/vatsarajan/> **GitHub:** <https://www.github.com/vatsacr>

## EDUCATION

University of Texas, Dallas  
Master of Science, Information Technology and Management

August 2019 – May 2021  
GPA : 3.67

Anna University  
Bachelor of Science, Computer Science and Engineering

August 2011 - May 2015  
GPA : 3.7

## CERTIFICATIONS & TECHNICAL SKILLS

**Programming:** HTML5, CSS3, JavaScript, Java, Angular, Bootstrap 4, Webpack, Python, jQuery, NodeJS, ExpressJS, REST API, LESS, SASS, R, TypeScript, MySQL, React, C#

**Operating Systems:** Macintosh OS, Windows OS, Linux

**Software:** GitHub, JIRA, Zeplin, Photoshop, IntelliJ IDEA, WebStorm, MS Office

**Databases:** MongoDB, Oracle 12C, SQL

**Courses:** Database Management Systems, Data Structures, Algorithms, System Software, Web Programming, Object Oriented Programming

## BUSINESS EXPERIENCE

### Tata Consultancy Services

June 2017 – May 2019

#### *Software Developer*

- Led team of 20 to deliver critical updates and features to IKEA apps and maintained the project goal in JIRA
- Designed and developed full-stack applications across multiple platforms using modern industry-adopted languages and frameworks like Angular and AngularJS
- Earned "best application of the year" award for successfully pioneering Angular framework with .NET backend framework into IKEA
- Actively generated process improvements using Angular 4 and engineered workflow enhancements and reduced development level complexity by 35%
- Provided technical design recommendations and proof of concepts using Angular 4 and NodeJS and improved code quality by 60%
- Coded automated testing on Angular applications using Protractor and unit testing using Karma and reduced manual testing by 100%
- Designed the complete front-end system using Angular 4, Angular CLI, ngRx and HTTP services and improved user experience by 50%

#### *Junior Software Developer*

November 2015 – June 2017

- Developed, coded and updated responsive web applications using Bootstrap Grid System in an Agile based project development for clients such as Lloyds Banking Group and Lex Autolease
- Analyzed requirements and designed, developed and implemented software applications for multiple websites
- Collaborated with cross-functional groups such as Product Owner and Design Team regarding product definition, Schedule, Scope, and project-related decisions
- Automated the mail system in the Lloyds web app using Java and AngularJS that increased efficiency by about 40%
- Engineered SOLR search with an AngularJS based application that reduced the search time by about 35%
- Implemented an authentication system for an enterprise application in Lloyds Banking group using Java and RSA algorithm