

# Vatsarajan Candhadai Ramaswamy

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**GitHub:** <https://www.github.com/vatsacr>

## EDUCATION

### The University of Texas at Dallas

*M.S., Information Technology and Management*

August 2019 – May 2021

GPA : 3.67

### Anna University

*B.S., Computer Science and Engineering*

May 2015

GPA : 3.7

## CERTIFICATIONS & TECHNICAL SKILLS

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

Operating Systems: Macintosh OS, Windows OS, Linux

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

Databases: MongoDB, Oracle 12C, SQL

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

## BUSINESS EXPERIENCE

### Tata Consultancy Services

June 2017 – May 2019

#### Team Lead

- Led a team of 20 in an Agile based project development to deliver crucial updates and services for IKEA apps to increase the performance and fix defects
- Earned "best application of the year" award for successfully pioneering Angular framework with .NET backend framework into IKEA
- Provided technical solutions to applications to dev teams by creating reusable components using React
- Earned "top performer" award for developing clean code and reduced the application development time by building reusable frontend components
- Implemented a hybrid web application migrated from a native Windows application for IKEA to improve the user experience and reduce application complexity
- Adopted Git for version controlling and JIRA to track efforts of each team
- Implemented RESTful API services using .NET, C# and Oracle 12C to be used across various applications in IKEA
- Developed a prototype application using MEAN stack to showcase the stack capabilities to the IKEA IT team
- Improved my peers' coding standards to remove code redundancy and complexity and to increase the performance time
- Evaluated peer skills and knowledge regularly, providing hands-on training and mentoring to individuals with lagging skills

#### 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
- Reviewed code to validate structures, assess security and verify browser, device and operating system compatibility
- 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