# ARUNBALAJI SRINIVASAN

srinivasan.ar@northeastern.edu | 857-210-9908 | linkedin.com/in/arunbalaji-srinivasan/ | github.com/Arunbalaji-Srinivasan

## TECHNICAL SKILLS

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|---|---|
| **Programming Languages:** | Java, C++, JavaScript, PHP |
| **Web Technologies:** | Node.js, jQuery, HTML5, CSS3, AJAX, XML, JSON, RESTful Web Services |
| **Database:** | Oracle MySQL, MS SQL Server, MongoDB |
| **Frameworks:** | Spring MVC, Hibernate, React, Redux, React Native, Angular, Express.js |
| **Servers** | Tomcat, AWS S3 |
| **Versioning and other tools:** | Git, Bitbucket, JIRA, Splunk |

## EDUCATION

**Northeastern University**, Boston, MA
*Master of Science in Information Systems | GPA:* **3.69**                                             **Expected May 2021**
**Coursework:** Application Engineering, Web Development, Program Structures and Algorithms

**Anna University**, Chennai, India
*Bachelor of Engineering in Computer Science*                                                                        **May 2015**
**Coursework:** Data Structures and Algorithms, Web Development, Operating Systems, Database Management System

## PROFESSIONAL EXPERIENCE

**Capgemini Technology Services,** Chennai, India
**Software Engineer**                                                                                         **Feb 2016 - Jun 2019**
- Engineered and maintained Synchrony's customer-facing web app using Java, Spring MVC, AngularJS, MySQL
- Automated log management on cloud servers that reduced existing SLA from 10 working days to 3 hours
- Created a secure RESTful API (Node.js, Express, and Auth0) that improved user security by using HTTP endpoints
- Scripted complex Database Stored Procedures, Functions, Triggers, SQL joins using MySQL, and Oracle databases
- On-time error analysis of 200+ critical bugs reduced downtime by 10%

**Northeastern University – IT Services**
**Unified Communications Transition Specialist**                                                         **Jan 2020 – Apr 2020**
- Eliminated the manual use of Excel Macros by developing an interactive Spring MVC web app deployed in Tomcat

## ACADEMIC PROJECTS

**Spring MVC – Job Search**                                                                             **Jan 2020 - Apr 2020**
- Simulated a Job search application environment using Spring MVC, Hibernate, MySQL, HTML5 and CSS3
- Implemented Spring Security to provide authentication and authorization to different user roles

**Angular – Petitions**                                                                                 **Sept 2019 - Dec 2019**
- Designed mobile-first User Interface with Angular 7, Bootstrap, CSS, HTML with Angular sessions, JWT authentication
- Configured backend using Node.js, Express.js, MongoDB, RESTful API with integrated PayPal Payment Gateway

## PERSONAL PROJECTS

**React Redux – Would You Rather**                                                                     **April 2020 – Jun 2020**
- Built a web app that lets a user play the "Would You Rather?" game supported by React Router navigation
- Created a Redux store enabling global state, Connected logger middleware and Redux Thunk middleware

**React Native – Mobile Flashcards**                                                                   **April 2020 – Jun 2020**
- Developed a mobile application (Android/iOS) that allows users to study collections of flashcards
- Used AsyncStorage to store and retrieve the flashcards, redux for managing state and added notifications

## PROFESSIONAL CERTIFICATIONS

- Udacity – React Nanodegree Program