

Aravindhan Venkituswamy

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Education

Master of Science in Computer Science - 3.4/4

AUG 2016 – PRESENT

[Binghamton University, State University of New York, USA.](#)

Bachelor of Engineering in Electronics and Communication

JUN 2007 – MAY 2011

[Anna University, Chennai, India.](#)

Technical Skills

Languages	C#, Java, C, HTML5, JavaScript, CSS3
Databases	MongoDB, SQL Server, Oracle DB
OS	Linux, OSX, Windows
Tools	GITHUB, Cordova, Twilio, Postman, Flask, Docker, Swagger, Razor Engine
Frameworks	Spring Boot, .NET 4.5, ASP.NET MVC 5, MEAN Stack, Ionic FW, RESTful API, AngularJs

Work History & Projects

Software, Web & Mobile Developer

Project Details

Tech Mahindra Limited, Chennai, India

JUL 2012 – MAY 2016

(ASP.Net MVC 5, HTML 5, CSS3, Responsive UI, RESTful Web API, Node.js, SQL Server)

- Adopted Existing Business logic using **RESTful Web API**, which saves up to **70%** cost & efforts.
- Implemented dynamic routing solution using **Attribute Routing**, so we can support all URI patterns.
- Constructed the **core financial module** where more than 5 million transactions are made every month.
- Implemented the **SEPA** (Single European Payment System) for 8 different European Cultural Settings.
- Developed dynamic XML file structures, where a user can design their own XML file format structures.
- Improved performance of numerous SQL procedures and functions with indexing & **query optimizations**.
- Implemented & Utilized dynamic statements, SQL profiler, SSRS, SSDT, and handled SQL migrations.

moHelp App, Columbia, SC, USA

JUL 2017 – AUG 2017

(Ionic FW, Cordova, AngularJs, MongoDB, Twilio, Responsive UI, RESTful Web API, Node.js)

- Completed mobile application development internship based on ionic FW and AngularJs.
- Designed and developed **Twilio** based SMS phone verification system.
- Implemented **geo** background **tracking**, location identification, and monitoring system.
- Utilized node.js, angular.js, Mongo DB, Cordova, and Sassy CSS.

Academic - Course Works & Projects

Binghamton University, State University of New York, USA

AUG 2016 – PRESENT

Adv Cloud Computing, Operating System, Data Mining, Programming Languages, Data Algorithm & Analysis

- Completed cloud-based application including **data collection** using various Docker-based **micro services**.
- Implemented Project regarding **time-series data trend prediction**, the application scenario in **e-commerce**.
- Done projects on **Xv6** Operating System including **paging, threading, and file system**.
- Utilized Java (JDBC), Oracle DB Dev VM 2016 (Virtual Box) and SQL developer in a project for DB course.
- Scored 100% in projects based on Java - **Recursive-Descent Parser**, Scheme, Haskell, and Erlang.

Awards & Activities

- Bravo award, Pat on back & Letter of Appreciations are some of the recognition from Tech Mahindra.
- Activities include attending hackathons, event management & hobbies like cooking and gaming.