**Yashas Bysani Muralidhar**

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**EDUCATION**

**Pace University, Seidenberg School of Computer Science and Information Systems New York, NY**

Master of Science (MS) in Computer Science | GPA: 3.8 May 2019

**Visvesvaraya Technological University Belgaum, India**

Bachelor of Engineering (BE) in Computer Science | GPA: 3.2 May 2017

**TECHNICAL SKILLS**

Programming Languages: C#, Java, C, Python

Web Technologies: React, Redux, HTML, CSS, Sass, JavaScript, XML, REST, Electron, jQuery, PHP

Frameworks: .NET, Selenium WebDriver, Bootstrap, Ionic, Junit, TestNG, Selenium WebDriver

Database Technologies: MySQL, MySQL Server, SQLite, MongoDB

Cloud Technologies: Amazon EC2, Azure DevOps, Docker, Kubernetes

Version Control: GIT, GitHub, Bitbucket, SourceTree

Others: Jenkins, JIRA, Postman, Adobe Photoshop, Android Studio, Confluence, Maven, UML

**WORK EXPERIENCE**

**SITA Long Island, NY**

Software Developer October 2019 – Present

* Redesigned airport kiosk UI for passenger check-in and baggage drop-off using agile methodology with React, Redux
* Automated builds on Azure DevOps for better CI/CD process improving developer experience and efficiency within the team
* Developed a desktop application (WPF) to manipulate windows services and update files from CI/CD build pipelines using C#, .NET
* Implemented multiple stored procedures and updated API calls using T-SQL and React, Redux to improve UI response time
* Created a watchdog service to monitor services in the windows system and start a service in the event of an unexpected failure
* Revamped React architecture for the kiosk UI to MVC, adding more support for asynchronous techniques and flexibility

**Greenhills Ventures Manhattan, NY**

Software Engineer, Web – Full Time Intern December 2018 – May 2019

* Developed an e-wallet web application using React to track transactions and maintain user’s Cryptocurrency
* Architected and developed the React library for Tree, Slide-View, and Table Grid components
* Created views with React to hook up models to the DOM and synchronize data server as a Single Page Application (SPA)
* Integrated payment API where a user could purchase Cryptocurrencies with a credit card, debit card or with third party bank service

**Department of Sanitation, New York Manhattan, NY**

Software Development Engineer in Test – Full Time Intern June 2018 – December 2018

* Designed and developed test environment on Docker containers and configured the containers using Kubernetes
* Worked on distributed test automation execution on different environments as a part of the CI process using Selenium and Jenkins
* Involved in designing and implementation of hybrid automation framework to be used with Selenium WebDriver
* Developed UAT regression automation scripts and functional testing framework for all modules using Selenium

**Prakyath Applications Bengaluru, India**

Software Engineer, Android July 2015 – March 2016

* Developed a cloud-based [Institute Management android application](https://play.google.com/store/apps/details?id=com.prakyath.pocketcollege&hl=en) using agile methodology for universities in Bengaluru, India
* Integrated notification via E-mail to inform students when new study materials, assessments and grades were posted
* Utilized Google Volley library to make RESTful service calls at various stages of application and parsed response to the UI

**ACADEMIC PROJECTS**

[Illness Diagnosis System](https://github.com/Cs-691)(React, Python, SVM, NLP, Bootstrap, AJAX, Python-Flask) January 2018 – December 2018

* Created a web application in React to diagnose illness and provide remedies based on the symptoms entered by the user
* Utilized Python Flask to interact between SVM, Decision Tree and the web application to classify the illness from the ML algorithm

[Trade Application](https://github.com/yashasbm/Lets_Trade_PHP)(PHP, HTML5, CSS3, Bootstrap, JavaScript, phpMyAdmin) January 2019 – May 2019

* Designed and developed multiuser, 3-tier MVC web-application for stock trading using PHP5, JavaScript, phpMyAdmin/JSON

[Comprehensive System for Smart Shopping](https://github.com/yashasbm/Comprehensive_System_for_Smart_Shopping_Storeside)(Java, XML, Android SDK, PHP, Bootstrap, MySQL) January 2017 – May 2017

* Designed and developed an android application for supermarkets enabling in-app billing for customers similar to Amazon Go
* Implemented barcode scanning of retail products for easy checkout by integrating ZXing library in Android Studio using Java