

Yashas Bysani Muralidhar

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SUMMARY

A Software Developer with close to 2 years of relevant experience in Application development. Passionate in designing, developing, testing and maintaining applications. Skilled in Java, JavaScript, MongoDB and other technologies.

EDUCATION

Pace University, New York

Master's Degree in Computer Science

May 2019

GPA: 3.8 / 4

Visvesvaraya Technological University, Belgaum, India

Bachelor's Degree in Computer Science

July 2017

EXPERIENCE

Green Hills Ventures, New York – Web Developer Intern

December 2018 – May 2019

- Developed an e-wallet web application using Angular 2+ to track transactions and maintain user's cryptocurrency
- Designed API calls to fetch data from backend in JSON format and parsed onto the UI for DOM / CSS manipulation
- Implemented Redis Caching and messaging queue (RabbitMQ) improving the performance of the website by 20%
- Incorporation Version Control Software (GIT) to update and track web application source code via Bitbucket

Department of Sanitation, New York – QA Automation Engineer Intern

June 2018 - December 2018

- Reduced 50% manual effort by creating and updating modules of the hybrid testing framework using Java, Selenium WebDriver
- Developed automated test scripts, reusable components and functions using Selenium WebDriver through Java for [DSNY](#) website
- Set up mock data by writing complex SQL queries required for script execution using Selenium WebDriver, Java and MongoDB
- Developed scripts for automated build, deployment, maintenance and related tasks using Jenkins and Maven

Prakyath Applications, Bengaluru – Android Developer

July 2015 – March 2016

- Developed a cloud-based [Institute Management](#) Android application using agile methodology for Jnanavikas Institute of Technology, Bengaluru, India
- Programmed application to notify students via email when new study materials, assessments, events and grades were posted
- Built Restful Service API Calls using Google Volley Library and parsed responses to render on application
- Composed unit test cases to debug and overcome critical issues such as crashes, compatibility and memory leaks

TECHNICAL SKILLS

Programming Languages: Java, Spring, Hibernate, C

Web Technologies: React, Angular 2+, Node.js, JavaScript, HTML5, CSS3, PHP, JSON, Bootstrap, XML, REST, jQuery

Operating System: Windows 7, 8, 10, Linux, Ubuntu

Cloud Technologies | Database: Amazon AWS, Google Cloud, Docker, MySQL, SQLite, MongoDB

Tools | Techniques: MS Office, Jenkins, JIRA, Postman, Adobe Photoshop CC, GIT, GitHub, Bitbucket

ACADEMIC PROJECTS

Illness Prediction System (*ReactJS, Python, SVM, NLP, Bootstrap 4, AJAX, Python-Flask*)

- Created a web portal in React JS to predict illness and provide remedies based on the symptoms entered by the user
- Utilized Flask Framework (Python) for the back-end and Decision Tree Classifier to predict the illness
- Built a Chatbot using ReactJS and NLP toolkit for patients to convey their symptoms and connect them to healthcare centers

Comprehensive System for Smart Shopping (*Java, XML, Android SDK, PHP, Bootstrap, MySQL*)

- Designed and developed an android application for supermarkets and enabled 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
- Built a store management system to place, track orders and maintain stocks using JavaScript, PHP, Bootstrap and MySQL

Progressive Web Application for Sir MVIT (*HTML5, CSS3, JavaScript, PHP, MySQL, Elasticsearch*)

- Developed a progressive web application to maintain records of over 8000 students and faculty using JavaScript
- Developed full-text search platform (Elasticsearch) allowing faster, scalable, and intuitive user searches for the application
- Introduced the system to all university administrators reducing manual data entry and inaccuracy by 60%