

Yashas Bysani Muralidhar

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EXPERIENCE

Green Hills Ventures, New York – Web Developer Intern (Remote)

December 18 – Present

- Designed and developed a new company branding website with integration of SEO using Angularjs
- Integrated third party APIs for modules pertaining to payments, emails, chats and course enrolments for users
- Applied Version Control Software (GIT) to track, test and update pre-existing source code via Bitbucket
- Implemented Redis Caching and messaging queue (RabbitMQ) improving the performance of the website by 20%

Department of Sanitation, New York - QA Automation Engineer Intern

June 18 – December 18

- Reduced 50% manual effort by creating and updating modules of the testing framework using Java, Selenium WebDriver
- Developed 20+ test cases to verify unauthorized usage with ARC, Selenium WebDriver and Java
- Yielded a 90% reduction in manual effort by automating 70+ test cases to validate UI, web forms and web links
- Automated build and development process by integrating test cases to Jenkins and Maven

Prakyath Applications, Bengaluru - Android Developer Intern

July 15 – March 16

- Development, testing and maintenance of the web application along with code versioning (SCM) via Bit bucket
- Coordinated with the UI/UX team to design layouts for a mobile application using Sketch and Photoshop
- Developed 'home', 'user profile', 'about' and 'settings' pages for a campus management android application using Java

TECHNICAL SKILLS

Languages: Java, Python

Database: MySQL, MongoDB, SQLite, Elasticsearch (ES)

Versioning/Other tools: Git, Bitbucket, GitHub, JIRA

Deployment Tools: Docker, Maven, Jenkins

QA: Selenium WebDriver, JUnit, TestNG, JMeter, Xpath

Web Technologies: HTML5, CSS3, XML, WordPress, jQuery, REST, AJAX, JSON, RabbitMQ, Redis

Scripting Languages: JavaScript, PHP

Frameworks: React JS, Ionic, Node JS, Bootstrap 4, Python-Flask

Tools/Techniques: MS Office, Scrum, Photoshop, Tableau, AWS

ACADEMIC PROJECTS

YouTube Clone (Ionic, Bootstrap 4, jQuery, MongoDB, REST API's, RabbitMQ, Java Web Services)

February 19 – Present

- Developed a 4-page web application (9 features) using Ionic, Bootstrap, jQuery, MongoDB and Java Web Services
- Tested performance using JMeter and improved by 25% using RabbitMQ and Redis caching

Website for Suvasthuk Architects (JavaScript, Bootstrap 4, jQuery, MySQL, REST API's)

October 18 – Present

- Implemented a new responsive UI that incorporated blogs using bootstrap and admin dashboard using JavaScript
- Used Search Engine Optimization (SEO) best practices to elevate web presence, resulting in top 15 ranking on Google search
- Deployed various security aspects to the web app for SQL Injection and Cross Site Scripting (XSS)

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

January 18 – December 18

- Developed a web application to predict a patient's illness based on their symptoms using Machine Learning (Decision Tree)
- Implemented repositories of user medical data to make accurate health predictions and train the system
- Built a Chatbot using ReactJS and NLP toolkit for patients to convey their symptoms and connect them to healthcare centers

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

January 17 – May 17

- 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
- Introduces the system to all university administrators reducing manual data entry and inaccuracy by 60%

EDUCATION

Pace University, New York

May 2019

Master's Degree in Computer Science

GPA: 3.81/4

Visvesvaraya Institute of Technology, Belgaum, India

July 2017

Bachelor's Degree in Computer Science

GPA: 3.0/4