

ADHITHYAKRISHNA SRINIVASAN

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Graduate student in Computer Science from SUNY Buffalo, with 3+ years of experience in web application development. Seeking internship opportunities for summer 2019. My interest lies in scalable web application development.

WORK EXPERIENCE

Backend developer, Skava Systems - (Dec 2017 – Jun 2019) – 1 year 7 months

My role as a back-end developer involved creating restful microservices using Spring that communicates to the database.

- Developed microservices for e-commerce website using Spring framework to handle user authentication, validation and storage of user information in MySQL database.
- Developed MapReduce project using Apache Hadoop to fetch profile data of users from MySQL database and store them to the Apache Solr server for faster user search.
- Improved product search relevancy and search speeds by 15% by integrating Apache Solr to the existing search Microservice.
- Generated site usage report from Amazon Cloud Watch logs using Apache Hadoop which was used to analyze and improve the site's efficiency and decrease page load latency.

Frontend developer, Skava Systems - (Jun 2016 – Nov 2017) – 1 year 5 months

My role as a frontend developer involved creating websites for fortune 500 clients such Adidas, Toms, Kraft's etc.

- Developed responsive websites using mobile first approach using HTML5, CSS3, handlebars and jQuery that supported multitude of devices ranging from mobile to in-store kiosks.
- Integrated Google analytics to the website to analyze the traffic flow and site usage metrics in real-time.
- Revamped the existing e-commerce websites in accordance to WCAG guidelines for providing web accessibility support to the physically challenged people.

Student intern, Skava Systems - (Jan 2016 – Jun 2016) – 6 months

SKILLS

Front-end technologies: JavaScript, Html5, Css3, JQuery, React

Back-end technologies: SpringBoot, Spring, Hibernate Apache Solr, Redis, Node js, Express js

Database: Mysql, MongoDB.

Build tools and CI/CD: Maven, Jenkins, Ant, Gradle, AWS

Cloud technologies : AWS

EDUCATION

Masters in Computer science, University at Buffalo – (AUG 2019 – JAN 2021)

Pursuing my first semester. **Courses taken** – Information retrieval, Introduction to machine learning, Algorithms for modern computing systems and Object-oriented design and analysis.

Bachelors in Computer Science, Kumaraguru college of Technology – (AUG 2012 – AUG 2016)

ACADEMIC PROJECTS

- **Twitter Rhetoric analysis** – ([Github](#)) – Maven, Java - This project focuses on analyzing rhetoric of prominent public leader's tweets. Sentiment analysis and topic analysis were done on multilingual tweets.
- **Q-Learning path finding** – ([Github](#)) – Python- This project focuses on implementing a reinforcement learning (Q-learning) on 4X4 grid world environment. The grid navigates from a start point to end point avoiding obstacles.

PERSONAL PROJECTS

- **TelegramToGdrive** – ([Github](#)) – Maven, Java - Automatically uploads any image sent to the telegram messenger app to google drive.
- **Portfolio website** – ([Github](#)) ([Website](#)) – Html5, JQuery, Nodejs, Expressjs - Portfolio website that represents my projects, hobbies and interests.
- **Sprite Image mapper** – ([Gitub](#)) ([Website](#)) - Html5, JQuery, NodeJs, ExpressJS - Utility website to help frontend developers to accurately find background position and size CSS properties from any given image sprite.