

ADHITHYAKRISHNA SRINIVASAN

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I am a Computer Science student pursuing a master's degree from SUNY Buffalo. I have 3+ years of experience as a software development engineer with a demonstrated capability to develop scalable web applications

SKILLS

Programming languages: Java, JavaScript, Python

Back-end technologies: Spring, Hibernate, Apache Solr, Redis.

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

Database: Mysql, MongoDB.

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

WORK EXPERIENCE

Software development engineer, Skava Systems - (Jun 2016 – Jun 2019) – 3 years

- Developed multithreaded spring application to fetch around 2 million users' information from MySQL database and index them into Apache Solr server, thereby increasing the user search speed by 80%.
- Designed and developed a software that generated site usage statistical report from Amazon Cloud Watch logs using Apache Hadoop, which helped analyze the site's performance and decrease page load latency from 12 seconds to around 7 seconds.
- Developed restful microservices for e-commerce website using Spring framework to handle user authentication, validation and storage of user information concurrently in Apache Solr and MySQL database.

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

- Created custom jQuery plugins used across the company. The plugins were extendable, customizable as per business needs and served as a replacement for feature bloated 3rd party plugins.
- I was a part of the UX team that designed websites for fortune 500 companies taking into consideration the user experience design principles and importance of providing ease of usability and ergonomics while keeping in mind the unique design aesthetics of each brand.

EDUCATION

Masters in Computer science, University at Buffalo – (AUG 2019 – JAN 2021) – GPA 3.2

Pursuing my first semester. **Courses Learned** – 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)

LEADERSHIP

STEM for kids – Organized and coordinated meetups in schools where accomplished engineers and scientists across the country were invited to inspire the kid's interest towards STEM fields.

UNESCO MGIEP – Participated and provided insights in focus group discussions conducted by UNESCO's Mahatma Gandhi Institute of Peace and Sustainable development.

ACADEMIC AND PERSONAL PROJECTS

- **Twitter Rhetoric analysis** – ([Github](#)) – Maven, Java - This project focuses on analyzing the rhetoric of prominent public leader's tweets. Sentiment analysis and topic analysis were performed on multilingual tweets.
- **TelegramToGdrive** – ([Github](#)) – Maven, Java - Automatically uploads any image sent to the telegram messenger app to google drive.
- **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.
- **Q-Learning path finding** – ([Github](#)) – Python- Reinforcement learning technique (Q-learning) implemented on a 4X4 grid world environment. The grid navigates from a start point to end point avoiding obstacles.