# Sri Sai Bhargav Koritala

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## Summary

Full Stack Developer with 3 years of hands on experience in strategizing and maintaining web applications. Highly skilled at collaborating with team members and possess diverse experience of developing highly scalable applications. Looking forward to apply acquired gamut of skills in a challenging role.

## Education

🏛 **University at Buffalo, The State University of New York**                   *Buffalo, NY*

Master of Science in Computer Science                                          *August 2019 -- Present*

🎓 **Vellore Institute of Technology**                                          *Vellore, India*

Bachelor of Technology                                                         *June 2013 -- May 2017*

## Skills

| | |
|---|---|
| **Programming** | Java, Python |
| **Web** | HTML, CSS, BootStrap, JavaScript, jQuery |
| **Database** | MySQL, SQL Server, MongoDB, Firebase |
| **FrameWorks** | VueJS, Flask, SpringBoot, Hibernate, Apache Spark, Hadoop |
| **Tools & Cloud** | AWS, Grafana, Git, JIRA, Latex |

## Experience

**Atwick Inc.**                                                                *Ithaca, NY*

Full Stack Developer Intern                                                    *August 2020 - Present*

- Working on a full-stack web application from scratch using VueJS for client-side and Node and MongoDB for server side architecture. Upgraded application from VueJS 2 to VueJS 3.
- Implementation and execution of a NoSQL database architecture periodically based on comprehensive analysis of business requirements for a high-volume web application enhancing data integrity and execution efficiency.
- Responsible for integration of third-party API services for video meetings, scheduling appointments and enabling payment options resulting in decrease of system complexity.

**Infosys Ltd**                                                                *Bengaluru, India*

Systems Engineer                                                              *June 2017 - July 2019*

- Engineered an email content analysis employing JavaMail API to assess header, body and attachments and derive nature, extent and frequency of a risk to ensure operations & business continuity management by continuous monitoring of mail.
- Recommended and executed a server monitoring to estimate optimum usage of a server by providing insights on server stats with Prometheus metrics and Grafana to visualize the dashboards.
- Remodeled the back-end search design element for a fashion website through a usability point of view that involves enabling query caching, utilizing full text searches and query optimization.
- Contributed in a cross-functional team to build a mini-project, to serve as a teaching aid for interns and trainees.

## Projects

**Garden Management Studio**                                                   *University at Buffalo*

HTML, JavaScript, CSS, jQuery, Bootstrap, MySQL, Flask, Apache Server, AWS Deployment

- Used Ajax, JSON with jQuery for request data and response processing to populate data-tables.
- Responsible for backend development to interact with MySQL from Flask framework & operating Apache from Amazon EC2.
- Worked on 3rd-Part API integration with OpenWeatherMap and MySQL database architecture and administration.

**Book Store**                                                                 *Personal Project*

VueJS, HTML, Bootstrap , CSS, MongoDB

- Collaborated on a team to devise a medium of book exchange with a user interface equipped with online shopping capabilities.
- Designed a No-SQL database architecture to manage the book inventory and exchange history.
- Optimized search and exchange process flow to revamp user experience.

**Amazon Dynamo**                                                              *University at Buffalo*

Java Socket Programming, Android Processes and Threads

- Orchestrated & implemented a messaging app which incorporates Amazon dynamo with distributed key-value storage that can handle linearizability and availability during failure.
- Implemented unicast, broadcast & multicast capabilities to refine user experience.

**Fashion Design Studio**                                                      *Infosys Foundation Programm*

Java, Hibernate, HTML, CSS, MySQL

- Augmented the performance by 15% by establishing a image server and pointing the database to the web server to retrieve the images.
- Facilitated customization of clothes from available designs or hire a designer available in the platform. Created a chat interaction to update real time using constant polling.