

# Sri Sai Bhargav Koritala

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## Summary

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

## Education

🏛 University at Buffalo

Master of Science in Computer Science

Buffalo, NY

August 2019 – Present

🎓 Vellore Institute of Technology

Bachelor of Technology

Vellore, India

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

Aug 2020 - Present

- Developed a full-stack web application using VueJS for client-side architecture and server-side created using Node and MongoDB and upgraded the app from VueJS 2 to VueJS 3
- Designed, developed and implemented a NoSQL database architecture based on the analysis of business requirements for a high-volume web application improving 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 using JavaMail API, that assess header, body and attachments and derived nature, extent and frequency of a risk that ensured 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 using Prometheus metrics and Grafana to visualize the dashboards.
- Improved the back-end search design element for a fashion website through a usability point of view that involves enabling query caching, using 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 using Flask framework & used Apache with Amazon EC2.
- Worked on 3rd-Part API integrations with OpenWeatherMap and MySQL database architecture and administration.

Book Store

Personal Project

VueJS, HTML, Bootstrap, CSS, MongoDB

- Collaborated on a team to create 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 enhance user experience.

Amazon Dynamo

University at Buffalo

Java Socket Programming, Android Processes and Threads

- Designed & 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 enhance user experience.

Fashion Design Studio

Infosys Foundation Program

Java, Hibernate, HTML, CSS, MySQL

- Improved the performance by 15% by creating 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.