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**   *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

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.

ITI Ltd   *Bengaluru, India*

Software Technical Intern   *Dec 2015 - May 2016*

- Aided on creating a Modern Web Application from scratch using HTML, CSS and JavaScript. Work was focused on restructuring the website to include new business requirements and the consequent changes into the database to handle the API calls.

Rashtriya Ispat Nigam Ltd   *Visakhapatnam, India*

Systems Intern   *June 2015 - Nov 2015*

- Worked on Data analysis at the SCADA center for disaster mitigation. Worked on analyzing the changes in Supply and Demand during the period and the respective changes and implementations to handle the workload.

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 intereact 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.

Fashion Design Studio   *Infosys Foundation Programm*

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.

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.