

SANKEERTH TELLA

25 Callodine Ave
Buffalo, New York
+1-716-770-8204

sankeerthtella.com
tellasankeerth@gmail.com
[linkedin.com/in/sankeerthtella/](https://www.linkedin.com/in/sankeerthtella/)
github.com/SankeerthTella

EDUCATION

University at Buffalo | MS in Computer & Information Science | Buffalo, NY [Aug 19 - Present]
Sreenidhi Institute of Science & Technology | B.Tech. in Computer Science | Hyderabad, India [Jul 15 - Jun 19]
Relevant Coursework : Algorithms | Data Intensive Computing | Information Retrieval | Distributed Systems | Databases | Operating Systems

TECHNICAL SKILLS

Languages: Java | C | Python | SQL | JavaScript | PHP
Web Technologies: HTML | CSS | Bootstrap | JSP | Redux
Frameworks/Platforms: React | Spring Boot | Hibernate | Node.js | Express.js | Hadoop | Apache Spark | AWS
Tools: GIT | Docker | Kubernetes | Travis CI | Eclipse | IntelliJ
Database: MySQL | MongoDB

EXPERIENCE

Data Intensive Distributed Computing Lab, UB | *Project Assistant (Spring Boot, React)*. [Jan 20 - Jun 20]

- Worked on web development project sponsored by IBM and NSF to build ODS ([OneDataShare](#)), fast and secure file transfer between various cloud platforms, under the guidance of Dr. Tevfik Kosar
- Implemented command line interface for executing various SFTP commands in the web interface. Developed front-end using React and back-end using Spring Boot
- Used Java Secure Channel to connect to SSH2 server. Redesigned the front-end components and solved various UI bugs

Cognizant Technology Solutions | *Software Developer Intern (JSP, Spring Boot, Bootstrap, MySQL)* [Jan 19 – Jun 19]

- Worked on a Dynamic Web Service called ‘Dose Car Servicing’ which provides door to door car servicing, developed using JSP, Spring Boot, Bootstrap
- Lead a team of four and contributed majorly on building the end-to-end application. Adopted scrum framework from agile methodology for developing the project

Path Creators Private Limited | *Software Developer Intern (React, Python, Machine Learning)* [Feb 18 – Jul 18]

- Developed Automated Irrigation Cloud System using various machine learning algorithms and improved performance
- Worked on developing a front-end interface for static machine learning pipeline to analyze the requirement of recharge of ground water based on input data from sensor

ACADEMIC PROJECTS

Information Retrieval - Twitter Search Engine (React, Python, Flask, Solr, AWS) [Nov 19]

- Developed a complete IR search engine system on twitter data (3,00,000 tweets) crawled using Twitter API and indexed using Solr
- Worked on entire front-end development using React, Extracting tweets and hosting in AWS

Distributed Messenger Application (Java Socket Programming, Android Processes and Threads) [Aug 20]

- Incorporated unicast, broadcast, multicast messaging features by implementing asynchronous thread pool and serial executives, that handled with client socket operations
- Handled transmission loss by enabling TCP and by creating a backup using the content provider interface in android

Big Data Processing with Hadoop (Python, Hadoop) [Mar 20]

- Various Text processing tasks like N-grams, Inverted Index, Relational Join, Word Count, KNN algorithm were implemented from scratch using Hadoop MapReduce algorithm

Predictive Analytics with Spark (Python, Apache Spark) [Apr 20]

- Implemented an end-to-end predictive analytics pipeline using Apache Spark to predict the genre of the movie
- Our team stood in first place in inter-class Kaggle competition with an f-score of 0.9981

Social Networking Site - SNIST-HUB (PHP, HTML, CSS, Ajax, MySQL) [Sep 18]

- Developed social networking platform which brings education, activities under single roof by connecting students and professors
- Designed a dedicated wall for each student to view his posts, likes, comments and also implemented person to person messaging service and also maintained alumni portal

PERSONAL PROJECTS

Multi K8S (React, Node.js, Docker, Kubernetes, Travis CI, GCP) [Aug 20]

- Developed simple recursive Fibonacci calculator with UI, server as different containers and used Redis, PostgreSQL images
- Deployed this multi-container app into GCP Kubernetes engine using Travis CI and handled traffic using Ingress-Nginx, Helm

Streamy (React, Redux, Node.js, OBS) [Jun 20]

- Developed a streaming service where a user can stream through OBS and can perform CRUD operations on the stream
- Designed single-core Real Time Messaging Protocol server and API to broadcast a stream, fetch all live streams

REWARDS & RECOGNITION

- Certified in Agile Methodology by Cognizant Technological Solutions
- Merit in Android development workshop conducted by Brain O vision, Hyderabad. [5 - 8 Jan, 2017]