

Srinath Botsa

LinkedIn: www.linkedin.com/in/srinath-b Email: Srinathbotsa@gmail.com website: www.cs.odu.edu/~sbotsa

Education:

- **Old Dominion University, Norfolk, VA** Dec 2020
Master of Science – Computer Science GPA 3.70
- **Jawaharlal Nehru Technological University, India** Mar 2013
Bachelor of Technology – Electronics & Communication Engineering GPA 3.70

Technical Skills:

OS & Cloud Platform	:	Linux (Ubuntu, RHEL), Windows, Docker, AWS (EC2, S3, VPC, EBS, EFS, RDS)
Programming Languages	:	C, C++, GO, Java, Python, JavaScript, UNIX Shell Scripting, R
Web Technologies	:	Bootstrap 4, HTML5, CSS, Microservices, RESTful API
Frameworks	:	React, React Native, Angular, Vue.js, Node.js, Express, Django, Flask, Spring
Database	:	MongoDB, MySQL, PostgreSQL, Mongoose, Firebase, Firestore
Developer Tools	:	GIT, Tableau, RStudio, Jupyter Notebook, Visual Studio Code, Maven, Chef

Academic Projects:

- **Vue the movie** | [source code](#)

A movie database website built on Vue.JS utilizing Vuex, Vue routers. Visitors of the website can Add, delete movies (CRUD operations) of their interest and those are stored in Google's cloud platform Firebase. **Tech Stack:** Vue.JS, Vuex, NoSQL, Firebase, Netlify.

- **Bistro bites** | [source code](#)

A Single Page Application (SPA) for a restaurant built in React framework and used other functionalities like Reactstrap, for a responsive UI, and other components like React-router, react-redux, react-thunk, react-hooks are used. Fetch is used for client-server communication and REST API is used on the server-side. **Tech Stack:** React.JS, React-redux, Yarn, Webpack.

- **Flower Classification using TPUs** | [source code](#)

Developed DL algorithms using Neural Network architectures like ResNet, DenseNet201 and Efficiency Net to classify different flowers in an image dataset of over 10,000 images using TPUs with 96% accuracy and secured 339th position out of 848 submissions.

Tech stack: TensorFlow, Keras, ResNet, Dense Net, Efficiency Net, Python

- **March Madness** | [source code](#)

Developed a machine learning model using Logistic Regression and Random Forest algorithms to predict the winning bracket of NCAA Men's and Women's Basketball Championships. **Tech Stack:** Logistic Regression, Random Forest

- **Perfect Cup** | [source code](#)

A member only blog web application for Coffee lovers. Users can post recipes, feedback on existing recipes. Users are authenticated using MySQL and AJAX. **Tech stack:** PHP, Bootstrap, jQuery, AJAX, MySQL.

Professional Work Experience:

- **Cognizant Technology Solutions (Project: Discover Bank)**

Chennai, India

Technical Lead

Oct 2017-Dec 2018

- Worked in DevOps team to provide server administration (RHEL, AIX), configuration management (Chef, Ansible)
- Automated daily tasks using Unix Shell scripts to increase productivity and maintained SLA for Incidents.
- Handled Server Vulnerability and Patch Management using RedHat Satellite servers.

- **HCL Technologies Pvt.Ltd.(Project: Walt Disney)**

Chennai, India

Senior Analyst

Aug 2013-Oct 2017

- Provided Server administration support for 7000+ servers (RHEL, Windows, Virtual) and provided hardware support.
- Managed application deployments through uDeploy tool on RHEL servers.
- Managing server performance, swap space utilization and CPU performance issues.
- Provided High Availability of Veritas (VCS) and Microsoft Cluster servers for various applications.
- Maintained Build and Decommission reports of servers through HP Service Manager.

Certifications:

- Red hat Certified System Administrator on RHEL-7. [[Red hat Certification No: 160-061-503](#)]
- Red hat Certified Engineer on RHEL-7. [[Red hat Certification No: 160-061-503](#)]
- GO programming Language ([Certificate](#))
- AWS Fundamentals – Going Cloud Native ([Certificate](#))
- Front End Web Development with React ([Certificate](#))

Additional Information

- Served as Vice President and Event Manager for Indian Students Association at Old Dominion University.
- Received "Best Performer" Award multiple times in Cognizant and HCL for Value addition to the Client's Businesses.