

Srinath Botsa

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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, PHP, Python, JavaScript, UNIX Shell Scripting, R
Web Technologies	:	Bootstrap 4, HTML5, CSS, .NET, Microservices, RESTful API, Spring, Spring Boot.
Frameworks	:	React, Angular, Vue, Node, Express, Entity, Django, Flask, Maven, Laravel.
Database	:	MongoDB, MSSQL, MySQL, PostgreSQL, Firebase.
Developer Tools	:	Git, GitHub, Tableau, RStudio, Visual Studio Code, IntelliJ, Jenkins, JIRA
Testing	:	Selenium, Mocha, Unit.

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.

- Expense Manager** | [source code](#)

A simple Expense manager application was built to log all the items purchased. Users can perform basic CRUD operations on the items accordingly. **Tech Stack:** Embedded JS, Node.js, Express, Materialize, MongoDB, Mongoose, Docker.

- 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.

- Converse (currently working)**

A web chat application for users. Users can register and log in to chat with other registered users can add other users to chat with them. **Tech Stack:** React.JS, Node.JS, Express, PostgreSQL, React Web Sockets, React-redux.

Professional Work Experience:

- Old Dominion University (SEES)** Jan 2019-Dec 2020
 - Worked on a web application in .NET that manages and maintains students' academic course enrollment.
 - Each students' course curriculum, assessments, grades are updated in that portal by authorized portal faculty.
 - Managed and updated the portal's UI(JQuery,AJAX,Bootstrap) and Database(MSSQL & Entity) regularly.
- Cognizant Technology Solutions (Project: Discover Bank)** Oct 2017-Dec 2018
 - Worked in Agile team on converting existing modules into MVC pattern and used RESTful services.
 - Implemented test cases for all developed modules using JUnit.
 - Worked on change requests and bug fixes.
- HCL Technologies Pvt. Ltd.(Project: Walt Disney)** Aug 2013-Oct 2017
 - Provided Server administration support for 7000+ servers (RHEL, Windows, Virtual) and provided hardware support.
 - Zero downtime deployments and CI jobs maintenance. Automated daily tasks using Unix Shell scripting.
 - Automated installations using chef, Monitored & managed server's performance via capacity management.

Additional Information

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