

# Bhavana Maramreddy Buchannagari

[bhavana.mb9@gmail.com](mailto:bhavana.mb9@gmail.com) | 682-414-4612 | Dallas, Texas | <https://www.linkedin.com/in/bhavanamb9/>

## TECHNICAL SKILLS

---

Languages: JavaScript, Python, HTML5, CSS3, Java, PHP, SQL  
Technologies: ReactJS, Redux, AngularJS, Laravel, AJAX, JSON, Flask, jQuery, Android, D3.js, Jest, Enzyme  
Platforms: Azure, GCP, GitHub, Jupyter Notebook, Eclipse, PyCharm, Visual Studio, phpMyAdmin, Jenkins  
Certifications: [Certified SAFe 5 Practitioner](#)

## EXPERIENCE

---

### React Developer

Spatial Front, Inc, Virginia, USA

July 2021 – Present

- Working on USDA's Field Office Technical Guide application that contains technical information about natural resources based on geographical area.
- Performing as a team member in **Scaled Agile Framework Environment** (SAFe) focused on software delivery.
- Participated in planning sessions, backlog grooming sessions and retrospectives.
- Developed new features in iterations using ReactJS and various react libraries like React-Router, **Redux**, React-Query, React-Table, etc. Implemented functionalities like filter, sorting on data table.
- Worked on refactoring the code and writing modular functional components
- Collaborated with other team members for implementing and testing new features.
- Contributed to implementing NRCS design system which is based on **Reactstrap** in the FOTG application to enable any future changes to the application
- Worked on integrating **Google Analytics** and **Google Tag Manager** with the application and identified the triggers needed to track the application usage

### Frontend Developer

Virtusa Corporation, Hyderabad, India

June 2015 – April 2018

- Developed Single Page application using the **ReactJS framework**.
- Assisted customer in building a logistic management web application to track shipments by third party vendors which expanded the scope of the business to new geographical locations.
- Worked in an Agile environment in sprints. Participated in the conceptualization and translated UX wireframes into interactive features.
- Programmed Service Integrations using Restful APIs to develop a fully functioning web page.
- Maintained DRY codebase and consistent user interface with reusable React components.
- Performed component testing using Jest and Enzyme to achieve 70% test coverage.
- Built and deployed jobs in Jenkins for automated deployment in development and QA environments.
- Proficient in developing Modular design patterns in JavaScript.
- Designed and maintained front-end page layout using **HTML, CSS, JavaScript**.

### Intern

Virtusa Corporation, Hyderabad, India

Feb 2015 – April 2015

- Developed examination portal for recruiting graduate students.
- Used **J2EE, Spring MVC and SQL** to develop an application through which students can take the test and recruiting team can review the results. Developed Java components using **JSP and Servlets**

## EDUCATION

---

### Master of Computer Science, GPA - 3.75

The University of Texas at Arlington, Arlington, TX

May 2021

*Relevant Coursework: Algorithms, Data Mining, Information Security, Machine Learning, Artificial Intelligence*

### Bachelor of Technology, Computer Science, GPA – 8.05

GITAM University, Hyderabad, India

May 2015

## ACADEMIC PROJECTS

---

### Cloud Web Application (Python, Flask, T-SQL, Azure, Google Cloud, AWS)

Developed web applications and deployed the web applications on Azure, Google Cloud and AWS. Created resource groups on azure and allotted azure resource groups to azure services.

### Book Search Using Ranking Algorithm and Classifier to Predict Book Genre (Python, Flask), [Website](#)

Built a book search engine. On searching using text data, displayed the most relevant books. Developed a classifier to predict the genre of a new book by training on six different classes(genres) of book data.