

Bhavana Maramreddy Buchannagari

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TECHNICAL SKILLS

Technologies: JavaScript, TypeScript, ReactJS, Redux, HTML, CSS, Python, PHP, SQL
Tools: Git, Jest, Figma, Jira, Webpack
Platforms: Bitbucket, Google Analytics 4, Google Tag Manager, VS Code, Eclipse, Visual Studio
Certifications: [Certified SAFe 5 Practitioner](#)

EXPERIENCE

React Developer

Spatial Front, Inc, Virginia, USA

June 2021 – Present

- Working on enhancing and adding new UI features to USDA's [Field Office Technical Guide](#), a conservation practice document repository.
- Delivering 15 feature level enhancements to date through continues integration and development with Scaled Agile development lifecycle. These include:
 - Developed multi-doc upload, drag, and drop multiple documents – files are validated, and metadata can be inputted.
 - Modified document search to display card components with documents details to provide better user experience and support advance search.
 - Converted the legacy Foundation CSS to custom Bootstrap based framework. Updated overall design of the application and improved the accessibility features.
 - Implement sorting, filtering and client-side pagination that reduces user delays caused by the successive API calls.
- Integrated application with Google Analytics and Google Tag Manager to track user activity across the application. Tracking file downloads, page visits, search terms, etc.
- Performing unit testing using Jest and React Testing Library.
- Worked on refactoring the code base, changed the React class components to modular functional components with custom hooks and state management.

Frontend Developer

Virtusa Corporation, Hyderabad, India

June 2015 – April 2018

- Worked on multiple projects and developed single page applications using the React, AngularJS.
- 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.
- 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.
- 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

Book Search Using Ranking Algorithm and Classifier to Predict Book Genre (Python, Flask),

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.

Could 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.