Bhavana Maramreddy Buchannagari

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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   June 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.
- Developing 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
- Developed multi-doc upload that includes drop zone to drag and drop multiple documents.
- Worked on integrating **Google Analytics** and **Google Tag Manager** with the application. Configured the tags and triggers needed in GTM to track the application usage and built reports in GA4 to record the tracked data.

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.