SWETHA GONDI

+1 931-591-1546   swetha.rlsr@gmail.com

SUMMARY

Core Competencies – Software Engineer with around 6+ years of experience. Expertise in building full stack responsive and interactive web applications using various frontend technologies like React Js, Node Js, D3 Js, JavaScript, Java, Angular, PHP, Webservices, Databases and CMS platforms. Extensive knowledge of UI-UX design principles and experience in creating visually appealing user interfaces using HTML, CSS, Adobe Creative Suite (Photoshop, Illustrator), and Figma. Hands on experience in developing web GIS Single - Page Applications using ArcGIS tools. Experienced in handling customers and clients. Demonstrated ability to identify and resolve issues, troubleshoot technical problems, and provide innovative solutions within time-sensitive projects.

EDUCATION

Southeast Missouri State University, MO	GPA 3.81/4	May 2023
Master of Science in Computer Science		
Jawaharlal Nehru Technological University Hyderabad, India	GPA 2.70/4	May 2017
Bachelors in Electronics and Communication Engineering		

PROFESSIONAL EXPERIENCE

Graduate & Research Assistant   May'22 – May'23

Southeast Missouri State University, MO

- Developed open source interactive and responsive software tool (Web App) for data visualization using Jekyll site generator and customized widgets based on need. Used *HTML5, CSS3, Bootstrap 4, JavaScript, jQuery, and Jekyll*.

Web Developer   Jan'22 – May'22

Southeast Missouri State University, MO

- Developed and maintained the semo.edu site using velocity CMS and worked as UI/UX designer for the site. Updated the site's content on day-to-day basis resolving tickets and editing images using Photoshop. Used *Velocity CMS*, *HTML5, CSS3, Bootstrap 4, JavaScript, jQuery, PHP, Photoshop.*

Web Developer   Oct'18 – Jan'22

Capgemini India Pvt. Ltd, Pune, India

- Developed multiple Projects in agile work environment with zero production defect and awarded with quality cup
- Developed a web application called Wall box Traceability to record the data of sales and display the information to the end user on request using Angular components.
- Developed a Prototype for the intranet web application using Photoshop and Illustrator.
- Created prototypes for applications using HTML, CSS/SASS, and JavaScript ES6.
- Developed a user booking based application called eBook which allowed the users to manage appointments it was built using PHP and integrated on AWS cloud.
- Developed Front End UI screens using React, Angular 6, JavaScript framework, jQuery, HTML5, CSS/SASS.
- Developed a web application called Tire Catalog to sell and display the tires information to the car dealers using MVC architecture in PHP.
- Created the dashboard's user interface using Angular, leveraging Angular Material for UI components and responsive design.
- Designed and implemented custom data filtering and aggregation features using Angular to provide users with flexible options for analyzing real-time data.
- Built the user interface for the chat application using React and styled components, ensuring a responsive design that works on both desktop and mobile devices.
- Used Ajax calls to retrieve Tire information from server.
- Implemented CURD operations to retrieve user account information, product information from MySQL database.
- Developed custom apps for Shopify stores, including building integrations with third-party APIs.
- Developed and Implemented MySQL databases.
- Used Postman to create API requests, including GET, POST, PUT, and DELETE, for different endpoints and functionalities of the e-commerce platform. Performed unit testing to check the thorough functioning of the application.
- Used Agile methodology throughout project phases and was involved in sprint planning and scrum meetings. Followed continuous integration and continuous deployment (CI/CD), to deliver frequent updates and maintain a streamlined development workflow.
- Experience in Development testing in all phases of development (Development Testing, Integration Testing, Production Testing). Used *Figma, PHP, Angular, React Js, Node Js, C#, MVC, HTML5, CSS3, SASS, Bootstrap 4, JavaScript, jQuery, Ajax, Java, SQL, PLSQL, Webservices (Rest), Apache, CI/CD, Tomcat CodeIgniter, AWS.*

UX Designer   Oct'18 – Dec'18

Capgemini India Pvt. Ltd, Pune, India

- Provided strategic input and visual design for store availability and inventory information systems for domestic and international platforms.
- Created wireframes, user flows, and interactive prototypes to visualize and communicate design concepts.
- Developed responsive and user-friendly interfaces using HTML, CSS, and JavaScript.
- Utilized design tools such as Figma, Sketch, or Adobe XD to create high-fidelity mockups and design assets.
- Conducted usability testing and gathered user feedback to refine design iterations.
- Implemented UX/UI best practices and accessibility standards to ensure an inclusive user experience.
- Developed user personas with scenarios to improve functionality and usability for the target audience contributing to a15% increase in conversions.
- Developed Personas for Mobile and web Applications using Adobe XD, and Figma.
- Designed and developed prototype wireframes that outlined business requirements.

- Worked with the design team, and product owners to create wireframes using Adobe Photoshop, and Illustrator.
- Assisted with back-end development using web framework and collaborated on a project using GitHub. Used *Jira, Adobe Xd, Figma, Photoshop, Storyboard, Illustrator.*

GIS Developer (Team lead)   Mar'18– Aug'18

Capgemini India Pvt. Ltd, Pune, India

- Built and maintain the **Asset Spatial** Web GIS Application. Helped users in troubleshooting and fixing issues with Portal and database servers.
- Widget customization is one of the major areas that I worked on. Multiple widgets like layer list, print widget, bookmark widget, select, floorplan picker spaces widgets were configured for this application.
- Lead server infrastructure development, quality assurance, staging and production systems.
- Developed a python script which saved up to 2 hours per month by automating tasks of FME server toprovide application wide data updates.
- Designed and built the GIS web application using ESRI's JavaScript API, leveraging its mapping and geospatial capabilities to visualize and interact with spatial data layers.
- Utilized ArcGIS Pro and ArcGIS Pro SDK to create, edit, and maintain spatial data layers, ensuring data accuracy and consistency.
- Developed a comprehensive data processing workflow using Python and ArcGIS Model Builder, automating the extraction, transformation, and loading of spatial data for a large-scale project.
- Leveraged FME (Feature Manipulation Engine) to streamline data translation and transformation processes, enabling seamless interoperability between different spatial data formats.
- Implemented geoprocessing tools using Python scripting to automate spatial operations, such as data extraction, buffering, and spatial analysis.
- Utilized geodatabase design principles and implemented file geodatabase to efficiently store andmanage spatial and attribute data. Used *HTML5, CSS3, Bootstrap 4, JavaScript, JavaScript API,jQuery, ArcGIS Products & Python, Datastore, FME server, ArcGIS Portal, ArcGIS Server, ArcGIS Enterprise.*

Customer Service Associate   Jul'17 – Mar '18

Amazon Development Centre Hyderabad, India

- Handled customers from around the globe in solving their issues and resolving their order related queries. Worked in call support and email support environment.
- Developed automated and personalized marketing emails, leveraging HTML, CSS, JavaScript, and Handlebars templates.
- Implemented audience segmentation strategies based on customer behavior, demographics, and preferences.

<div align="center">

TECHNICAL SKILLS
</div>

Programming:	Php, SQL, Python, OOP, Java, C#, React JS, Angular 9 – 6, C#.Net 7.2/6.0/5.0
GIS Applications:	ArcGIS Pro, ArcGIS Online & Desktop, WebApp Builder, ArcGIS Server& Portal
Web Technologies:	Html, Css, Bootstrap, JavaScript, React JS, jQuery, JSON, Node Js, Angular Js.
Database:	MySQL, phpMyAdmin, Oracle 11g
CMS Platforms:	WordPress, Drupal, Velocity
Designing Software's:	Figma, Wireframes, Dreamweaver, Adobe creative suite
Virtualization Platforms:	AWS, GCP, Azure
Scripting Languages:	Php, Python
Platforms:	Windows server\PC & Linux Administration and Storage
Other tools:	Visual Studio, Eclipse, NPM, GitHub, Agile, Scrum, Algorithms, Data Structures, Adobe Photoshop, Android Studio.

Course Work: Developing websites using various technologies and frameworks. Hosting developed applications in cloud-based environments. Programming in various languages like Java, Python etc. Advanced Programming Languages (CS609), Advanced Web Development (CS575), Advanced Artificial Intelligence (CS591), Distributed Cloud Computing (CS506) Human Computer Interaction (CS630), Research Methods (CS605), Mobile Computing (CS533).

ACADEMIC PROJECTS

Ecommerce Web App: Ecommerce shopping Web App to purchase products(cloths). App contains product details, in or out of stock and payment methods to purchase. The admin interface is provided to add/edit/delete the products.

- Using *React Js, Node Js, Mongo DB, HTML5, Bootstrap 4 & 5*

Movie Filtering Website: Movie filtering website where the user can rank relevance based on their chosen choice or selected number of filter fields. The user interface consists various filters such as cast, genre etc.

- Using *Angular8, MySQL, JavaScript, jQuery HTML5, Bootstrap 4 & 5*

Laughing Club App: Laughing club App is an interactive Android application developed to display all the comedy videos of a region. The application consists of backend database and JSON webservice.

- Using *Android Studio, Java, MySQL, JSON webservice.*

Visual Correlation: Web App to visualize correlation of data using Choropleth Maps, Parallel Coordinates and Heat Maps. Web App takes two csv files as input and shows the visualization.

- Using *jQuery, JavaScript, Bootstrap, Python*

WORKING KNOWLEDGE

- Extensive knowledge of UI-UX design using HTML, CSS, and Adobe Creative Suite mostly Photoshop and Illustrator.
- Expertise in creating compelling front-end user interfaces using Figma. Ability to create low and high-fidelity wireframes and interactive prototypes for Applications.
- Good understanding of Document Object Model (DOM) and DOM Functions. Well Versed with Java, Python and Object-oriented concepts.
- Experienced in preventing XSS vulnerabilities.
- Proficient in building applications using React Js, HTML5, CSS3, Bootstrap, JavaScript, jQuery.
- Creating responsive design and integration on various using ReactJS, AngularJS, Restful services, JavaScript framework for developing the Single Page Application (SPA).
- Experienced in developing applications using CMS like WordPress, Velocity and Drupal.
- Experienced in RESTful API, Java, Python, MongoDB, MySQL, and Oracle DB.
- Experienced in using Linux command line tools and commands for server administration and troubleshooting.
- Solid understanding and experience with Apache web server and MySQL database management, providing optimal performance and security.
- Experience in data modeling, data visualization, responsive and test-driven development.
- Having good knowledge on OOPS, design patterns which helps me in delivering a quality product.
- Proficient understanding of client-side scripting and JavaScript frameworks, including jQuery, Angular.js, React.js, typescript etc.
- Experience in RESTful, SOAP web services to integrate between Application to Application.
- Experienced in version control tools like CVS, GIT and SVN.
- Good understanding of MVC architecture.
- Experienced working in Agile Methodology, creating stories, assigning, and taking up stories.
- Experienced in hosting applications on AWS Ec2 instance.
- Experienced in implementing security measures, such as firewalls, intrusion detection systems, and access controls, to protect Linux servers from unauthorized access and potential threats.
- Experienced in bug tracking tools like JIRA.
- Having extensive experience with Agile and Scrum.
- Experience in working in a team environment and resolving crucial issues with Quality and Assurance (QA).
- Strong interpersonal and communication skills, facilitating effective collaboration across teams.
- Strong expertise in project coordination, team development, and delivering high-quality results.