

SUDHA KUMAR

Cary, NC 27513

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LinkedIn: <https://bit.ly/2ZQFPL1> | GitHub: <https://bit.ly/3hIkzmy> | Portfolio: <https://bit.ly/3fQvZ1u>

SUMMARY

- Ambitious **Full Stack Web Developer** with a passion for creating meaningful web applications and responsive websites.
- Versatile **team player** with proven cross-team collaboration.
- **Proficient** in web development and Geospatial Information Systems.
- **Fast learner** with excellent verbal and written communication skills.

TECHNICAL SKILLS

FRONTEND: HTML5, CSS, JQUERY, JAVASCRIPT, BOOTSTRAP, AJAX

BACKEND: MYSQL, MONGODB, EXPRESS, REACTJS, NODE, HANDLEBARS, FIREBASE

LANGUAGES: PHP, C++, PYTHON, R, XML, VISUAL BASIC

APPLICATIONS: ADOBE SUITE, MS OFFICE SUITE, SHAREPOINT

GIT: GIT BASH, GITHUB, VISUAL STUDIO CODE

GIS: REST, ESRI SUITE (ARCGIS DESKTOP, ARCMAP, ARCSERVER, ARCGIS ONLINE), ARCSDE, ENTERPRISE GEODATABASE GRASS, QGI

PROJECTS

CodeQuiz | Github: <https://bit.ly/3g0qNZ2> | Deployed: <https://bit.ly/32QUul3>

- Code quiz is an app with a timed code quiz with multiple-choice questions. This app will run in the browser and feature dynamically updated HTML and CSS powered by JavaScript code.
- Created .html, .js and .css files. Individual project: Coded, reviewed, integrated, tested and deployed the app.
- Tools / languages used: HTML, CSS, Bootstrap4, Javascript

WeatherDashboard | Github: <https://bit.ly/3fUQN7Y> | Deployed: <https://bit.ly/3eQiltX>

- Weather Dashboard is an app which displays weather data for the city of the user's choice using the OpenWeather API and local storage. This app runs in the browser and the user is presented with current conditions including color coded UV Index value and 5-day forecast conditions for the city of the user's choice. Weather info displayed include temperature, humidity, wind speed and weather icons.
- Created .html, .js and .css files. Individual project: Reviewed, integrated, tested and deployed the app.
- Tools / languages used: HTML, Bootstrap4, CSS, Javascript, JQuery, Axios, Web API

Sports Finder | Github: <https://bit.ly/3fUKq4A> | Deployed: <https://bit.ly/2WPVuse>

- Sports Finder is an app that allows the user to enter the city to display sports events near the city. This app will run in the browser and feature dynamically updated HTML and CSS powered by JavaScript and jQuery code.
- Created .html, .js and .css files. Group project with four members: Created javascript code which manipulates the html content and styling dynamically as the user interacts with the page. Reviewed, integrated, tested and approved the app. Used github for collaboration and version control.

- Tools / languages used: HTML, CSS, Javascript, jQuery, AJAX, Web APIs (Openweathermap and ticketmaster).

EXPERIENCE

Title Communications and Outreach Support (ORAU Contractor)

Nov 2018 – May 2020

US Environmental Protection Agency

Durham, NC

Performed descriptive analysis to find total pageviews, apply inferential analysis to find the user base and compare the trends in the user accesses of EnviroAtlas web pages from FY 2016-2018 using Qlik data visualization software

Key Accomplishments:

- Created data visualizations and apps using Qlik Sense
- Designed, developed and updated EnviroAtlas interactive mapping application web pages using Drupal CMS
- Created YouTube tutorial videos and pdf guides for the mapping application
- Create maps for analysis using ArcMap and ArcGIS Online

GIS Graduate Teaching Assistant

Jan 2016 – Dec 2016

North Carolina State University

Raleigh, NC

Collaborated with instructional team to update and improve course materials over two semesters

Key Accomplishments:

- Facilitated weekly lessons for three graduate level courses over two semesters, including communicating expectations, producing and monitoring help forums in person and through various digital media.
- Graded assignments for a total of around 40 students per semester over two semesters

Web Document Publishing/IT Assistant/Web Designer Assistant

Mar 2015 – June 2017

Mediant Communications

Cary, NC

Worked closely with Web Designers to assure documents meet client's expectations and deadlines.

Communicated with Relationship managers for document hosting website requirements.

Key Accomplishments:

- Created digital web-ready documents with bookmarks and links from PDF source using company's proprietary software
- Branded/Designed/Developed/implemented standard and responsive websites using Adobe Muse, Photoshop, Illustrator, HTML, CSS, SQL
- Documented various internal company procedures
- Edited images using Photoshop, sourced logos and other images from client websites to be used in the digital documents

EDUCATION

Bootcamp Certificate:UNC Chapel Hill, NC

A 24-week intensive program focused on gaining technical programming skills in HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node Js, MySQL, MongoDB, Express, Handelbars.js & ReactJS.

Master of Geospatial Information Science and Technology (MGIST): NCSU, Raleigh, NC

Dec 2016

Geospatial Data Structures and Web Services, Geospatial Modeling, Geospatial Programming Fundamentals

Graduate Certificate in Geographic Information System: NCSU, Raleigh, NC

Dec 2014

Bachelor of Science in Computer Information System: NCWC, Morrisville, NC

May 2012