SUDHA KUMAR

Cary, NC 27513
Phone: 984-242-7510 | Email: sudhas1k@gmail.com
LinkedIn: https://bit.ly/2ZQFPL1 | GitHub: https://bit.ly/3hlkzmy | 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, QGIS

EXPERIENCE

Projects from Full Stack Program
UNC Chapel Hill
May 2020 – Oct 2020

A rigorous program focused on gaining technical programming skills in HTML5, CSS3, JavaScript, jQuery, Express.js, React.js, Node.js, progressive web apps, agile methodology, computer science, database theory, MongoDB, MySQL, and Git.

Project 1: Sports Finder Application
Designed, built, and deployed a client-side web application using GitHub Pages. Executed git branching workflow in a collaborative environment. Prepared a professional presentation. Applied agile software development methodologies. The application displays sporting events with date, time, venue, and map of the event in the same page when the user enters a city in the search box

Github link: https://github.com/sskumar4/Finder-Project1

Technologies: HTML, CSS, Javascript, AJAX, jquery, Materialize, Openweathermap and Ticket master APIs

Project 2: SafeTravel
Conceived and executed client-side web application that finds the safety score of a given destination using API and allows the user to save the destination in a wish list for future travel destination. Implemented express handlebars and delpyed in heroku
Github link: https://github.com/sskumar4/safetravel

Technology: Express, handlebars, sequelize, mysql, nodejs, jquery, javascript, html HTML, CSS, BootStrap CSS, Pure CSS Heroku

Project3: SafeTrip
Converted the SafeTravel project to a MERN application. SafeTrip is a full stack MERN application that finds the safety score of a given destination and allows the user to save the destination in a wish list as a future travel destination. The app allows the user to delete the saved city and enter travel notes for the city in the wish list page. Implemented GET and POST routes for retrieving and adding new data, deployed the application using Heroku. Applied a folder structure that meets the MVC paradigm. Used API keys in Node with environment variables
Github link: https://github.com/sskumar4/safetrip
Technology: React, Express, mongo, node JS, html, CSS, BootStrap CSS, Heroku, Amadeus API and Google geocode API

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
- Developed YouTube tutorial videos and pdf guides for the mapping application
- Created maps for analysis using ArcMap and ArcGIS Online

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

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 Developer/administrator   Feb 2012 – Nov 2012
Freelance
Key Accomplishments:
- Collaborated with the Stake holder to research and analyze the project.
- Designed and developed the company website using HTML, PHP, Photoshop, JavaScript, and Flash
- Managed the front-end and back-end development

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

Associate Degree in Web Technology: Wake Tech Community College, Raleigh, NC   May 2010