

Sumukhi Kappa

CONTACT

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SKILLS

PROGRAMMING –

C# / C / C++ / Python

WEB TECHNOLOGIES –

HTML5 / CSS3 / XML

Bootstrap / Media Queries

JavaScript / JQuery / AJAX / JSON

WordPress

DATA BASE –

SQL / MySQL / MS Access.

TOOLS –

Visual Studio / Unity 3D

NetBeans / Eclipse

Sublime / Brackets / Dreamweaver

Paint.net / Photoshop / InDesign.

OPERATING SYSTEMS –

Windows

Linux

UNIX.

ANDROID APPLICATION DEVELOPMENT

WINDOWS PHONE APPLICATION

DEVELOPMENT,

WINDOWS FORM DEVELOPMENT

FAMILIAR WITH

Node JS / AngularJS

LESS / SASS / SEO / PHP

Java

ASP.NET

GRADUATE COURSES

Software System Design

Theoretical Computer Science

Advance Computer Systems

Algorithm and Complexities

Artificial Intelligence

Statistical Data Analysis

Gamification in Bio- Informatics

Fault tolerant Computing

Paradigmatic Software Development

ACTIVITIES

– Certified for participation in the coding Marathon by Microsoft Windows for App Development.

– Active participation in Indo-US Robo-League.

SUMMARY

Enthusiastic and quick-learning Computer Science graduate student with teamwork, problem-solving. Experience in mobile and web applications development. Profound knowledge of web development, object oriented programming, .NET Frameworks.; now looking for a full-time position to work for where I can gain utmost practical experience of my Master's Degree.

EDUCATION

University of Massachusetts – Dartmouth

Computer and Information Science (GPA – 3.1)

JNTUH – Jawaharlal Nehru Technological University

Bachelor of Technology, Information Technology (GPA – 3.7)

Dartmouth, MA

May 2016

Hyderabad, India

May 2014

EXPERIENCE

ELECTRONICS COOPERATION INDIA LIMITED(ECIL) | INTERNSHIP DEC' 13 – MAY' 14

- I was guided here for my projects a Robotic arm controlled by touch screen and mobile phone and a ball following Robot.
- The robotic arm is controlled by a microcontroller to provide various features for movements and these movements can be controlled both by a mobile device or a touch screen. The ball following Robot detected the ball with its color and followed its path along. Used- mat lab and Arduino programming in C.

INPHI SOFT SOL | INTERN | WEB DEVELOPER

MAY 2013 – NOV' 2013

- Developed websites and mobile applications for their clients. Maintained and updated HTML/CSS templates on a regular basis and as required. Tested for bugs and errors and reported the potential errors for other clients.
- Assisted in planning and implementing dynamic device independent Responsive UI designs using both media queries and frameworks like Twitter Bootstrap and e-commerce applications.
- Worked on JQuery to introduce the application for basic animation and end user screen customization. Implemented single page applications in AngularJS.
- Involved in complete SDLC - Requirement Analysis, Development, System and Integration Testing. Used HTML, CSS, JQuery, JavaScript, AJAX, AngularJS, PHP, WordPress and Chrome Developer tools.

COGIN | INTERNSHIP | JR. DEVELOPER

JAN' 2013 – MAR' 2013

- Had to pair with other developers and involve in software development process and focus on depth of knowledge and expertise in MySQL, Java and area of the stack.
- Worked on the design and implementation of web-pages. Used HTML, CSS, JavaScript.
- Look for bugs and fix them. Design and model solutions that fit the problem domain.
- Worked for a project named Universal Dossier. This enabled its user to create a central repository of files and file-sharing of computer data in a network through various levels of access privilege. Used Tomcat server, MYSQL, JSP, JDBC, and J2SE IDE - NetBeans.

PROJECTS

A CASE STUDY ON DIFFERENT WAYS OF SHARING DATA IN SOCIAL NETWORK

Developed a social network simulator application to determine how sharing of information works in social networks based on few strategies and provided an analysis with different experiments. - Used D3, Windows Form Development, Excel, C#.

TRAFFIC RULES GUIDE APPLICATION

- Used Visual Studio, C#, Paint.NET.

A windows mobile application for the traffic rules in India.

MEASURING LENS

- Used Visual Studio, SLAR toolkit, QR codes, C#.

An attempt to test the concepts of augmented reality on windows phone. This could measure lengths and angles of lines drawn on paper using QR Codes.

MEMOIR.

- Used Android Studio, Java, XML, Paint.NET, Photoshop.

An android application for a personal diary. It is a kind of online journal with an option to set reminder and make notes

MANAGE EXPENSES

-Used Android Studio, Java, XML, Paint.NET.

It is an android application that allows users to manage their expenses by categorizing them and by providing a detailed analysis of their expenses.

BED TIME

– Used Android Studio, Java, XML, Paint.NET.

It is an android application with soothing music would help you shed the long days and welcome sleep with open arms and a soft pillow.