

BHAVITHA Y

Email: bhavithasy@gmail.com

Ph: (281)-783-9009

Computer Science Engineering Professional with 2+ years of Experience (**Developing web applications in ASP.Net, C# and Java**), Pursuing **Master's Degree in Computer science** and having great interest to work in a creative and globally competitive environment on challenging assignments, that shall expand my knowledge and yield professional growth.

SUMMARY

- ❖ Have 2 years of student work experience in developing dynamic web applications in ASP.Net, C# and Java.
- ❖ Experienced in working with databases (MySQL, Oracle) and their connectivity to applications.
- ❖ Have strong experience in working with teams both in project works and in social activities.
- ❖ Have knowledge in android application programming and iOS application development.
- ❖ Experience in working on different platforms like Windows and UNIX.
- ❖ Thorough knowledge and experience in Microsoft Office tools like Microsoft Visual Studio, MS Word, MS Excel, MS PowerPoint, MS Access etc.
- ❖ Extremely energetic, highly self-motivated, organized team player with excellent analytical abilities, communication skills, interpersonal skills, and problem solving skills.

SKILL SET

Web applications
Data base
Data structures

Programming Languages
Net working
Operating Systems

EDUCATION

15' Fall-Present **Masters in Computer science, University of Houston-Clear Lake**

11' Fall-15' Spring **Bachelor of Computer Science and Engineering, Jawaharlal Nehru University**

ACCOMPLISHMENTS

- Microsoft Technical Associate (MTA) certification in Networking, Database, HTML5.
- Won 2nd Prize in Paper Presentation at national level fest at JNTUK, India
- Proud Recipient of **Deans Graduate Scholarship (50% fee waiver of tuition)**

EXPERIENCE

15' Aug-Till Date **Research Associate Engineer, University of Houston-Clear Lake** **Clear Lake, TX**

Health related Android application for Smart watch

- Research involves using sensors of smart watches and calculate the heart beat and thus calculating the user's stress levels.
- It also includes other modules mainly targeted for the nurses in work at hospitals. This is to notify their colleagues about their non-interruptible situations to avoiding interruptions.
- My role includes designing UML diagrams in (Rational rose), identifying, and developing programmatic behavior of application in (Android Studio).

- 16' May-16' Aug *Online Motel Management System*
- The application will enable customers to view, reserve and book hotel rooms online.
 - It will provide navigation directions for the customer to the motel.
 - It is also having another admin module of the project which is destined for owner of motel to look for current and upcoming reservations and block the room on check-In and free the room on customer's check-Out.
 - My role involves in designing and programming user module (pages interacting with user) in (Microsoft Visual Studio) using ASP.Net, C#, establishing database (MySQL) connections and resolving performance problems.
- 16' Jan-16' April *Class Scheduling System*
- Doing the activities like assigning student Id's and presentations manually will take more time and is cumbersome. So this gave me an idea to develop this application.
 - The main aim of this application is each student will get unique presentation ID, select their team online, view their presentation topic and also view team information. Professor will also be provided with a login to manage class schedule and assign presentation topics to students.
 - My responsibilities are designing database (MySQL) establishing database connections, and designing project structure adhering to MVC software architectural patterns.
- 14' Jan- May 15' **Jawaharlal Nehru University Kakinada** **Vijayawada, IN**
Under Graduate Project Online Grocery store
- Users can order groceries online and get their ordered items delivered at their doorstep.
 - User will be notified through mails about their registration, ordered items and bill payment. User can also provide feedback about this application.
 - My roles include designing the UI of the project using HTML, CSS, ASP.Net establishing database connections, and performing validations on user input data.

SOFTWARES

- **Operating Systems**- Windows, Unix
- **Microsoft Office Suite**- Microsoft visual studio, Ms Office, Ms Excel, Ms Power Point
- **Networking** - TCP/IP Connections, Peripheral devices.
- **Programming**- Advanced Java, C, Android, Swift, PHP, JavaScript, ASP.Net(MVC), C#
- **Web Technologies**- HTML5, CSS.
- **Database**- MySQL, SQL Server, Oracle 10g
- **Frame works** - Hibernate, Springs.
- **OOA/OOD TOOLS**-UML, Rational Rose.
- **Tools**-Microsoft visual studio 2015, Eclipse, NetBeans, Xcode, Android Studio.

AFFILIATIONS

- American Indian Science and Engineering Society (AISES)
- Computer Society of India(CSI)

COURSE WORK

- Database Management systems, Concurrent programming and software modeling, Web application development, Research methods, Object oriented database design, Design analysis and algorithms, Mobile Application Development (Swift programming), Advanced System Analysis and Design, Computer Security and Integrity, Advanced operating systems, Web Database Design.