

**PRADEEP MAHABHASHYAM**

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**SUMMARY**

- Graduate student with more than 1 year of professional experience in Web Development and Object-Oriented Programming.
- Software Developer offering advanced knowledge of **ASP.NET and C#**, and extensive experience in building websites using HTML5, CSS3 and JavaScript.
- ‘**Microsoft**’ certified in “Programming with C#”, through edX.
- Experience in working with Agile and Rapid Application Development software process models.

**EDUCATION**

University of Houston - Clear Lake, Houston	May 2017	3.5/4.0 GPA
<b>Master of Science, Software Engineering</b>		
St Martin’s Engineering College, Hyderabad, India	May 2015	3.5/4.0 GPA
<b>Bachelor of Technology, Computer Science</b>		

**TECHNICAL SKILLS**

Programming Languages	C#, Java, C, C++
Web Technology	HTML5, CSS3, PHP, JavaScript, jQuery, AJAX
Web Services	RESTful, SOAP
Frameworks	.NET, Bootstrap, AngularJS
Software Methodologies	Agile, Waterfall, Rapid Application Development (RAD)
Backend Management	MySQL, SQL Server, MS Access

**PROFESSIONAL EXPERIENCE**

**Graduate Teaching Assistant, Software Process** May 2016 - December 2016  
University of Houston - Clear Lake

- Assisted Professor with lessons, proctored examinations, prepared and evaluated the assignments.
- Improved student participation in the classroom by conducting Agile games and role play exercises.
- Researched and presented a technical paper on ‘**Teaching Agile Methodologies Using Games**’ at a dual conference hosted by **NASA and IEEE**, October 2016.

**Software Developer Intern, C# & ASP.Net Developer** January 2015 - May 2015  
InRhythm, Hyderabad, India

- Worked as a software developer intern for my undergraduate capstone in Data Mining.
- Developed a fully functional website which calculates the discovered specificities of patterns and then evaluates term weights for solving misinterpretation problem.
- Developed modules of the website using **ASP.Net/C# and MySQL** as backend, where users can login and then search and download the files/documents.
- Worked with Agile software development model using JIRA and performed testing, continuous integration, and code reviews.

## **Student Web Developer**

May 2014 - December 2014

St Martin's Engineering College, Hyderabad, India

- Maintained the official website for college with regular updates on campus activities, events and placements.
- Developed the frontend of the website using **HTML, CSS, JavaScript and jQuery**.
- Designed websites for college fest that allows students to enroll for technical and extra-curricular activities.

## **PROJECTS**

### **• UHCL Flea Market: ASP.NET and C#**

Developed a free classified website using which students can buy and sell items such as books, furniture, or clothes. This website is exclusively developed for the students of UHCL.

### **• Paperless Clinic Website: ASP.NET, C#, AWS**

Developed a web application which allows patients to fill the forms online, so thereby reducing the workload of maintaining the paper records by the clinic. This website transforms clinic into fully automated, and paperless practices.

### **• Connect 4 game: C language**

Developed a game using threads by assigning a thread to referee and another thread to the players, where players compete with the computer by dropping pegs into the slots.

### **• Password Wallet: Java**

Designed an interactive desktop application for password management that allows users to add, delete and reset passwords. All user passwords are stored in an encrypted form using SHA-256 and AES encryption techniques.

## **CERTIFICATIONS**

- “Programming with C#” in Microsoft through edX, June 2017. <http://tinyurl.com/yb6xunaf>.
- “JavaScript Programming” through Udemy, May 2017. <http://tinyurl.com/ycaa94e4>.

## **SPEAKING ENGAGEMENTS**

- Presented a paper on ‘**Agile Project Management Tools**’ at UHCL, Spring 2016.
- Paper Presentation on ‘**Ethical Hacking**’ at TECHNOSMEC 2012, a national level technical symposium conducted by St. Martins Engineering College, JNTUH.
- Paper Presentation on ‘**Holographic Memory**’ at TECHNOSMEC, 2013.

## **VOLUNTEER EXPERIENCE**

- Worked as international orientation leader for the international student orientation day at UHCL.
- Volunteered for the events of TAM (Technology Awareness Month), an IEEE St. Martins’ student organization.
- Coordinated and hosted graduation day and faculty development program during undergraduate study.