

PRAVEEN BACHOTI
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PROFESSIONAL SUMMARY

- Over 6 years of experience in design and coding of web and desktop applications in various languages including Java, C#, and C++, JavaScript, and PHP
- Over 4 years of experience in manual software testing, writing unit tests in C# as well as keyword-based and Python scripted automated tests
- Demonstrable history in user-interface development using JavaScript, HTML5, CSS3, C#, and XAML
- Experienced in database design, and developing data visualizations in software development (SQL, PL/SQL)
- Strong knowledge of the Software Development Life Cycle (SDLC) and the Agile (Scrum, Kanban) Methodology
- Strong knowledge in various tools of Amazon Web Services
- Proficient in analysis of system requirements and technical documentation
- Successfully discovered solutions to technical problems with software development teams
- Experienced in peer-reviewing code and providing feedback to ensure quality development
- Results-oriented self-starter who excels in developing robust, high-quality technical solutions
- Possesses great troubleshooting, interpersonal and time management skills

OBJECTIVE

Seeking a software engineering position in a reputable organization to be a valuable asset to the employer and utilize knowledge, skills, and competencies to make a positive impact.

TECHNICAL PROFICIENCIES

Languages	Java, C#, C++, JavaScript, PHP, PL/SQL, HTML5, CSS3, XAML
Frameworks	.NET WPF, Angular JS, Bootstrap
IDEs	MS Visual Studio, Eclipse, IntelliJ IDEA, AWS Cloud9
Operating Systems	Windows, MacOS, Linux
DBMS	Oracle SQL Developer, MS SQL Server Management Studio, PostgreSQL
Services	Amazon Web Services, MS Azure DevOps Server, Github, Jenkins, SonarQube, Atlassian Suite (Jira, Confluence), SmartBear TestComplete, Zephyr Scale

PROFESSIONAL EXPERIENCE

Octo Consulting Group at HHS SAMHSA | Rockville, MD
Software Quality Assurance Engineer

April 2019 – Present

- Write, execute, and manage manual functional, smoke, and regression test cases of multiple administrative .NET, Appian and IBM BPM applications in the Jira and Azure DevOps platforms
- Performed functional QA of complete leading-edge Appian solutions developed from scratch
- Integration-tested migration of entire host of .NET applications to commercial cloud, and to ADFS single sign-on
- Diversify test cases to cover numerous usage paths and ensure met requirements and user satisfaction
- Collaborate with multiple software development teams following the Agile (Scrum, Kanban) Methodology
- Automate manual test cases using record-and-play, and JavaScript and Python scripting in SmartBear TestComplete

- Perform source control and versioning operations of automated tests using GitLab, GitBash, and Visual Studio
- Use data-driven and keyword-driven tests to automate application usage and data manipulation
- Time tests to each deployment of code (to Test, Stage, and Production environments) both during and after business hours
- Adapt manual and automated tests to any limitations presented in each environment
- Report bugs, defects, and potential enhancements using SmartBear generated report tools, Zephyr Scale and Azure DevOps
- Performed software evaluation and contributed to the automation test software procurement process

Pyramid Systems, Inc. | Fairfax, VA

May 2017 – March 2019

User Experience Designer and Front-end Developer

- Performed front-end development of a .NET WPF desktop application that collects biometric data for USCIS applicants
- Coded various dynamic user-interface features in C# and XAML in the Model-View-ViewModel pattern
- Coded unit tests (Specflow, FluentAssertions), and automated tests (CodedUI)
- Peer reviewed team members' code in Github
- Collaborated with business analysts and product owners to gather system requirements and wrote technical user stories based on them (JIRA)
- Impressed clients with high-fidelity UI prototypes and delivered leading edge UX solutions (Quant-UX, Adobe Photoshop)
- Documented system style requirements, wrote team Wiki guides (Atlassian Confluence)
- Worked with a large team following the Agile (Scrum, Kanban) methodology
- Tested dynamic user interface features in line with Section 508 standards
- Performed database testing, integration testing, and testing with auxiliary peripheral devices (DSLR Camera, Signature pad, Fingerprint Scanners)

Road Runner Specialty Group, Inc. | Silver Spring, MD

May 2015 – February 2017

Web Development Intern

- Undertook design and development of the public-facing website of a healthcare company
- Developed the front-end using JavaScript (Bootstrap, jQuery), Ajax, HTML5, CSS3
- Developed services to send user-submitted data to the back-end using PHP, Heroku, XAMPP
- Designed website graphics and logo using Adobe Photoshop and Illustrator
- Applied UX design principles to ensure user-friendliness of the product
- Conducted cross-browser and cross-device tests
- Provided guidance to other interns

UMBC Department of Information Systems | Baltimore, MD

June 2014 – August 2014

Undergraduate Research Assistant

- Collaborated with undergraduate and graduate students to design a system that captures tremor data from Parkinson's Disease patients
- Assumed responsibility for designing innovative and intuitive visualizations for captured data
- Developed a browser-based web application to access and view system data charts (HTML, Java D3 library)
- Utilized Leap motion sensors to collect movement data for Parkinson's disease patients
- Conducted integration tests of the system using software and hardware components
- Contributed data visualization graphics to the published research paper

EDUCATION

Boston University Metropolitan College

Graduation in 2023

- Online Master of Science in Computer Information Systems
- Concentration: Web Application Development
- Credits earned: 16

University of Maryland Baltimore County

- Bachelor of Science in Information Systems
- GPA: 3.51/4.0
- Honors: *Cum Laude*
- Certificate: Web Development

Graduated December 2016

CERTIFICATIONS

Amazon Web Services

- Certified Cloud Practitioner

Obtained August 2020