

Praveen Bachoti

SOFTWARE ENGINEER

- 8+ years engineering/designing web and desktop applications in Java, C#, JavaScript, TypeScript, PHP
- 5+ years manual testing, writing unit tests (C#) and creating keyword/Python-based automated tests
- 4+ years in analyzing system requirements, technical documentation, and providing solutions to development teams
- Skilled in UI development with HTML5, CSS3, XAML, and experienced with Android mobile app development (Kotlin)
- Strong knowledge of SDLC, Agile (Scrum, Kanban), MVVM & MVC, AWS tools, REST & SOAP APIs, CI/CD & database design (SQL, PL/SQL)

EXPERIENCE

SOFTWARE ENGINEER

Octo, an IBM company
March 2022 - Present

- Develop interfaces and dashboards in the Java-based Appian platform using the SAIL framework, services and processes using Hibernate API
- Created efficient and scalable database designs using MariaDB, ensuring data integrity and optimized performance
- Performed seamless project deployments across multiple environments, minimizing downtime and ensuring successful transitions
- Conducted thorough code assessments, fostering quality improvements and adherence to coding standards within collaborative team environments
- Collaborate with multiple software development teams using Agile (Scrum, Kanban) Methodology, performing requirements analysis and documentation in Jira and Azure DevOps
- Contribute to project analysis, risk assessment and resource procurement processes
- Provide strategic technical leadership to software development and quality assurance teams
- Collaborate with business analyst teams and project stakeholders to gather functional software requirements, technically interpret them, and demonstrate development in meetings

CONTACT

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LinkedIn:

<https://www.linkedin.com/in/praveen-bachoti-92b897239/>

OBJECTIVE

I am seeking a software development position in a reputable organization where I will be a valuable asset to the employer and utilize my knowledge, skills, and competencies to make a positive impact.

EDUCATION

BOSTON UNIVERSITY, 2023
Master of Science in Computer Information Systems
Concentration: Web Application Development
GPA: 3.91/4.0

UNIVERSITY OF MARYLAND, BALTIMORE COUNTY, 2016
Bachelor of Science in Information Systems
Certificate: Web Development
Honors: Cum Laude
GPA: 3.51/4.0

SOFTWARE QA TESTER

Octo, an IBM company
April 2019 - February 2022

- Write and manage manual functional, smoke, and regression test cases for multiple .NET, Appian, and IBM BPM applications, and execute them during and outside business hours
- Automate manual test cases into data-driven and keyword-driven tests using record-and play and JavaScript/Python scripting in SmartBear TestComplete
- Integrate tests into GitLab CI/CD pipelines using YAML and perform source control and versioning operations of automated tests using GitLab, GitBash, and Visual Studio
- Report bugs, defects, and potential enhancements using SmartBear generated report tools, Zephyr Scale, and Azure DevOps
- Collaborate with multiple software development teams using Agile (Scrum, Kanban) Methodology, performing requirements analysis and documentation in Jira and Azure DevOps

UX DESIGNER / FRONT-END DEVELOPER

Pyramid Systems, Inc.
May 2017 - March 2019

- Developed dynamic UI features in C# and XAML for a .NET WPF desktop application for USCIS following the Model-View-ViewModel (MVVM) pattern
- Created unit and automated tests (Specflow, FluentAssertions, CodedUI)
- Peer reviewed code pull requests in GitHub
- Collaborated with business analysts and product owners to gather and document system requirements (JIRA, Confluence)
- Impressed clients with high-fidelity UI prototypes and delivered leading-edge UX solutions (Quant-UX, Adobe Photoshop)
- Worked in a large Agile (Scrum, Kanban) team to deliver a high-quality enterprise product
- Ensured compliance with Section 508 standards and performed testing with auxiliary peripheral devices (DSLR camera, signature pad, fingerprint scanners)
- Documented system style requirements and created team Wiki guides (Confluence)

WEB DEVELOPMENT INTERN

Road Runner Specialty Group, Inc.
May 2015 - February 2017

- Undertook design and development of the public-facing website of a healthcare company
- Developed the front-end using JavaScript, HTML5, CSS3, Bootstrap
- 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

SKILLS

- Frameworks: Angular 2, AngularJS, NodeJS, VueJS (JavaScript) .NET WPF (C#, XAML, CodedUI), Android (Kotlin, Java, XML, Room/SQLite), Appian PaaS
- Back-End Languages: Java, C#, C++, JavaScript, Typescript, Python, PHP, Kotlin
- Front-End Languages: HTML5, CSS3, XAML, XML
- Database Technologies: SQL, PL/SQL, MongoDB, MariaDB, Oracle SQL Server, Microsoft SQL Server, PostgreSQL, Android Room DB/SQLite
- Miscellaneous: Amazon Web Services, GitHub, GitLab, Jenkins, Bootstrap, Material Design

ACCOMPLISHMENTS

- Enhanced Appian PaaS app UI, resolving usability issues and improving design, resulting in 0% client-reported issues.
- Created sub-app in Appian PaaS to track system issues, reducing resolution time by 50% and unresolved issues by over 95%.
- Automated QA testing for web apps with TestComplete and Python, cutting testing time by 90% and increasing defect discovery by 120%.

- Applied UX design principles to ensure user-friendliness of the product
- Conducted cross-browser and cross-device tests
- Provided guidance to other interns

UNDERGRADUATE RESEARCH ASSISTANT

UMBC Department of Information Systems

June 2014 - August 2014

- 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 (D3js 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