Praveen Bachoti

WEB APPLICATION DEVELOPER

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EDUCATION

Boston University   Graduation 2023
M.S. in Computer Information Systems   GPA 3.91
Concentration in Web Application Development

University of Maryland, Baltimore County   Graduation 2016
B.S. in Information Systems   GPA 3.51
Certificate in Web Development

EXPERIENCE

ICF   Reston, VA
Web Application Developer   November 2024 - Present

- Developing new features and enhancing existing functionality on the **Appian** platform to meet business requirements
- Participating in **Agile** and **Scrum** ceremonies, including sprint planning, daily stand-ups, and retrospectives, to ensure timely and efficient project delivery
- Interpreting and analyzing **business** and **technical** requirements to create robust solutions aligned with project objectives
- **Debugging** and **troubleshooting** application issues to ensure optimal system performance and reliability
- Collaborating with **cross-functional** teams to ensure seamless project execution
- Obtained the **Appian** Associate Developer **Certification**

AMERICAN SYSTEMS   McLean, VA
Web Application Developer   June 2024 – Present

- Design and develop **web app** solutions using **ASP.NET Core** in **C#**
- Use **Bootstrap** for responsive designs and **Telerik** & **Kendo UI** for richness and interactivity
- Build web pages with **HTML5**, **CSS3**, **JavaScript** and **JQuery**, ensuring seamless data interactions
- Introduce **front-end** features to streamline user **productivity** and enhance **usability**
- Translate business needs into **technical specifications**, that align with user expectations

Octo, an IBM Company   Rockville, MD
Web Application Developer   March 2022 – June 2024

- Developed **Appian BizOps** solutions for **HHS**, supporting **1,000+ administrative users** by enhancing platform functionality and user experience
- **Refactored Appian frontend** to resolve usability issues and streamline workflows, resulting in a reduction of average UI support requests to **0**, representing support cost **savings** of **~ $6,000** per month.
- Created a **sub-app** in PaaS to track system issues, reducing resolution time by **50%** and unresolved issues by over **95%**
- Created dashboards for users to view **rollup report** metadata for high level decision making with **SAIL** framework and **Java**-based **BPMN** with data persisted in **SQL** compatible **MariaDB**, ensuring data integrity and optimized performance
- Successfully **integrated Appian** PaaS and **.NET** BizOps systems leveraging **AWS S3** with **Hibernate in** BPMN for transfer of **data** across systems

- Performed **automated** package **deployments** across multiple environments, minimizing downtime and ensuring successful transitions
- Contribute to project analysis, **risk assessment** and resource **procurement** processes
- Provide **strategic technical leadership** to software development and quality assurance teams
- Conduct thorough **code assessments**, fostering quality improvements and adherence to coding standards within collaborative team environments
- Collaborated with multiple software development teams using **Agile** (**Scrum**, **Kanban**) Methodology with daily **standups** and biweekly **sprints**, performing task management in **Jira** and **Azure DevOps**
- Simultaneously pursued part-time online MS in CIS, focusing on **Angular**, **Node.js**, and **Android**

Octo, an IBM Company   Rockville, MD
Software QA Tester   April 2019 - February 2022

- Developed, managed, and executed manual **test cases** (functional, smoke, and regression) for **BizOps** web applications for the **HHS** for **1000+ administrative users**, ensuring high software quality across deployments, with consistent execution during and outside business hours
- Automated manual tests using **Python** & **JavaScript** within **SmartBear's TestComplete**, reducing daily manual work from an average of **4 hours a day to minutes** (cutting testing time by **95%**), and achieving a **125%** increase in **defect discovery** per sprint, freeing up over **80** hours per month for more strategic tasks
- Integrated automated tests as a pre-merge check within **GitLab** as part of **CI/CD pipeline, reducing** post-release defects by **30%,** representing repair cost **savings** of **~$1,200/month**
- Generated detailed defect and enhancement reports using **SmartBear Zephyr Scale** and **Azure DevOps**, enabling **data-driven** decision-making and prompt issue resolution
- Collaborated with cross-functional development teams using **Agile** (**Scrum**, **Kanban**) Methodology with daily **standups** and biweekly **sprints**, performing task management in **Jira** and **Azure DevOps**
- Gained hands-on experience in **AWS cloud** technologies as part of Certified **Cloud Practicioner** certification

Pyramid Systems   Merrifield, VA
Front-End Developer & UX Designer   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 **100+** unit and automated tests using **Specflow, FluentAssertions,** and **CodedUI**, increasing code coverage by **25%**
- Managed application **source control** and versioning using **GitHub** in a collaborative setting
- Documented **300+** user-interface system **requirements** in **Jira**, to support technical communication
- Delivered high-fidelity **UI prototypes** and delivered leading-edge **UX solutions** using Quant-UX, Adobe Photoshop, resulting in an **over 300%** increase in stakeholder buy-in
- Worked in an **Agile** (**Scrum**, **Kanban**) team to deliver a high-quality **enterprise** product on schedule
- Ensured **100%** compliance with **Section 508** standards and performed **testing** with auxiliary **peripheral** devices such as DSLR cameras, signature pads, and fingerprint scanners
- Documented system style requirements and created team Wiki guides in **Confluence,** improving onboarding **efficiency**

Road Runner Specialty Group   Silver Spring, MD
Web Development Intern   May 2015 - February 2017

- Undertook design and development of a **public-facing** official website of a healthcare company
- Developed the **front-end** using **JavaScript, HTML, CSS,** and **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**
- Applied **UX design** principles to ensure user-friendliness of the product
- Conducted **cross-browser** and **cross-device** manual **tests** to verify system requirements

UMBC Department of Information Systems   Baltimore, MD
Research Assistant   June 2014 - August 2014

- Worked in a student research team to develop a clinical **Java** application that captures, processes, and displays tremor **data** from Parkinson's Disease patients
- Developed a browser-based **user-interface** in **JavaFX WebView** to display innovative and intuitive **graphics** for **visualization** of gathered system data leveraging **D3.js**
- Utilized **Leap** motion sensors to map hand movement coordinates in a **3D space**, and changes over time
- Conducted **integration tests** of the system using software and hardware components