AKSHAY BHEDA

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SUMMARY: I am a Skilled and Motivated Developer with great coding, debugging, Doer attitude, and in-depth knowledge of languages and development tools, seeking a position in a growth-oriented company where I can use my skills to the advantage of the company while having the scope of self-development. Open to relocation for the right opportunity.

TECHNICAL PROFICIENCY:

Programming Languages	C#, C, C++
Web Technologies	HTML5, CSS, JavaScript, TypeScript, Angular, jQuery, React JS
Framework and other tools:	ASP.NET Core, ASP.NET MVC, WCF, LINQ, IIS, Specflow, CAKE Build, Octopus
Testing Frameworks	MS Test, NUnit, xUnit, Jest
Cloud Exposure	Microsoft Azure Web Apps, Servers, Active Directory etc. **(Microsoft AZ-900 Certified)**
Database Technologies	MSSQL, PostgreSQL, SQL Server
Source control tools	TFS, GIT, Mercurial, GitHub, Azure DevOps
Security tools	Black duck Scan, OWASP Zap

EDUCATION:

- The University of North Carolina at Charlotte | MS in Computer Science | GPA: 4/4   **Aug 2021 – Dec 2022***
- KIT's College of Engineering | B.E in Information Technology | GPA: 3.81/4   **Jun 2013 – May 2017**

WORK EXPERIENCE:

Software Intern at ESRI | Desktop Development   **May 2022 – Aug 2022**
- Development of new Workflow for Mosaic Editor for ArcGIS Pro

Software Engineer at Veritas Technologies LLC | Full Stack Developer   **Aug 2020 – July 2021**
- **Improved User Interface and performance** of web applications. Performance enhanced by **35%.**
- **Upgraded jQuery from 1.8 to 3.5** which enhanced 40% security from XSS Attacks.
- Automated **Tool to move Data from one Azure region to another** which **saved months of manual work** for each customer.
- Engineered **Exports sharing feature** that will result in **saving 100's of GB transfers** for e-Discovery purposes.
- Standardized Dashboards using **Elastic for Real-Time statistics** of archived data which enables users for cost predictions.
- Developed REST APIs in C# and ASP.NET framework from scratch which handled **millions of rows of data**.
- **Lead** Integration effort **between 2 different products** for archiving data for Microsoft Teams.
- **Saved 100k$/year** by analysing the needs of developers and switching the MSDN licenses.

Software Engineer 1 at Bentley Systems | Full Stack Developer   **Oct 2019 – Aug 2020**
- **Invented Universal Link Mechanism** for ProjectWise Document Manager to support the same link to work for different applications (Microsoft Teams, PW Web, and PW Desktop).
- Enhanced the Advance Search functionality for the document manager.
- Mentored and guided two interns which helped achieve the team goals and brought them to speed.

Associate Software Engineer at Bentley Systems | Full Stack Developer   **June 2017 – Oct 2019**
- Developed **Bulk Import from Excel** to support **millions of records**.
- Implemented **Feature toggling** and **usage tracking** to enable smooth and fast releases with a toggle switch.
- Developed REST APIs to facilitate **Bi-Directional Sync of Complex Data** between two products of different companies.
- **Nuggetized Legacy Projects** to facilitate upgrade to .Net Core 3.0 and **Improved Code coverage to 95%.**
- Started Test Driven Development approach in the project which reduced testing efforts and increased the build quality.

Software Intern at Bentley Systems | Web Development   **June 2016 – July 2016**
- Implemented 3 new E2E flows after learning Asp.NET MVC and C# for saving information on all the features across Bentley for all applications.

PROJECTS:

Veritas Enterprise Vault Cloud: Purpose-built retention tool of 140 different content sources | **EVC**   **Aug 2020 – July 2021**
- Fixed critical security loopholes and added security headers to **enhance product security**.
- Implemented **Microsoft Teams archiving** through Merge1 which added a **new data source to EVC.**
- Worked on Build definitions which **boosted deployment time by 50%.**
- **Debugged customer P1** and Issued fixes to improve product reliability and support.
- **Reduced the application loading time from 15 secs to 3 secs** by diverting the initial page, upgrading the server, and using HTTP 2.0 protocol.

ProjectWise Web: A Web Document management system with CAD Capabilities   **Jun 2019 – Aug 2020**
- Worked on **advanced search functionality** which **enabled complex queries** to locate the document.
- **Designed and developed universal link** functionality using that link, users were able to navigate to the same document inside Microsoft teams, ProjectWise Web, and ProjectWise Desktop.
- Developed **UI for Battle Board (Task Scheduling)** which resulted in deprecation of form-based input.

Web Service Gateway: A Server-side application to enable communication channels between different systems   **Jun 2017- Jun 2019**
- Revised **extensibility via generics** to support additional content sources.
- Wrote **feature files** using **Specflow to automate the tests** and support the **shift-left** paradigm.

ACHIEVEMENTS:

- **8** Winning our way (WOW) **Awards** for performance and collaboration from Dec 2020 till July 2021.
- Received **Star Nomination** on 11th June 2019 in Bentley Systems for quick and quality release.