

## Aman Vaish

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### PROFESSIONAL SUMMARY

Dedicated Full Stack Software Engineer with experience in developing high-performance web applications using ASP.NET, MS SQL Server, JavaScript, Vue.js, and Angular. Proven track record of designing scalable solutions, optimizing databases, and implementing RESTful APIs. Adept at collaborating with cross-functional teams to deliver robust software solutions within tight deadlines.

### EXPERIENCE

**Software Engineer | Harbinger Systems Pvt. Ltd.** (Mar '22 - Present)

- **Full Stack Development:** Designed, developed, and maintained web applications using ASP.NET for backend development and Vue.js for front-end, enhancing performance and scalability.
- **Front-End Development:** Implemented responsive and user-friendly interfaces using HTML, CSS, JavaScript, and Vue.js, closely aligning with modern UI practices.
- **Back-End Development:** Built and maintained RESTful APIs using ASP.NET, ensuring seamless integration with front-end components.
- **Database Management:** Developed, managed, and optimized MS SQL Server databases, including writing complex queries, removing SQL injections vulnerability from stored procedures and performing query optimization.
- **System Architecture:** Participated in the design and architecture of scalable, secure, and maintainable software solutions.
- **Testing and Debugging:** Conducted unit testing, integration testing, and debugging of applications to ensure high-quality code.
- **Code Review and Documentation:** Collaborated with team members to review code, share best practices, and maintain comprehensive documentation.
- **Collaboration:** Worked closely with product managers, designers, and other engineers to deliver features that meet business requirements.

### EDUCATION

**B.Tech in Computer Engineering | Dr. APJ Abdul Kalam Technical University, Lucknow** (2018-2022 | CGPA: 7.5)

**XII (CBSE) | Gandhi Nagar Public School, Moradabad** (2018 | 71.6%)

### PROJECTS

#### SAFETYCHAIN IOT MODULE (Current Project)

- Led development of the SafetyChain platform, enhancing workplace safety and compliance.
- Utilized .NET, Entity Framework Core, MS SQL Server, Azure IoT, and Azure Functions.
- Designed scalable data models, integrated Azure IoT for real-time monitoring, and developed Azure Functions for automation.
- **Tools & Technologies:** .NET, Entity Framework Core, C#, MS SQL Server, Azure IoT, Azure Functions, Visual Studio, Postman

## ONETOUCH HCM

- Developed a modern, user-friendly front-end for OneTouch HCM using Angular, integrated with ASP.NET APIs for back-end processing.
- Collaborated with the backend team to ensure seamless integration of APIs and data flow between the front-end and server-side.
- Utilized Visual Studio for development, implementing responsive designs and interactive UI components.
- Thoroughly tested APIs using Postman to validate requests and responses, ensuring data integrity and performance optimization.
- Actively participated in team code reviews and contributed to improving overall code quality and performance.
- **Tools & Technologies:** Angular, Visual Studio Code, Postman

## INFOR

- Collaborated with the Infor client to reproduce and resolve software bugs in VB.NET, JavaScript, and Vue.js environments.
- Conducted thorough bug analysis and implemented effective solutions, ensuring software stability and functionality.
- Engaged in small-scale development tasks to enhance existing features and address client requirements using Vue.js for front-end improvements.
- **Tools & Technologies:** VB.NET, JavaScript, Vue.js, Visual Studio, MS SQL Server

## NUCOMPASS

- Addressed frontend bugs in the Angular framework to improve user experience and interface responsiveness.
- Implemented robust error handling mechanisms in .NET and Angular environments, enhancing application reliability.
- Collaborated closely with the NuCompass team to diagnose issues and deliver timely solutions.
- **Tools & Technologies:** Angular, .NET, Visual Studio, Visual Studio Code, MS SQL Server, Postman

## SKILLS

- **Programming Languages:** C#, JavaScript
- **Frameworks & Technologies:** .NET Framework, .NET Core, Entity Framework Core, ASP.NET MVC, ASP.NET Core, ASP.NET, VB.NET, Web API, Vue.js, Angular, Azure IoT, Azure Functions
- **Databases:** Microsoft SQL Server (query optimization, stored procedures)
- **Front-End Development:** HTML5, CSS3, JavaScript, Vue.js, Angular
- **Back-End Development:** ASP.NET, RESTful APIs
- **Development Tools:** Visual Studio, Visual Studio Code, Postman
- **Methodologies:** Agile/Scrum
- **Web Security:** Knowledge of web security principles and best practices

## ACHIEVEMENTS

- **Mentor at UNESCO India Africa Hackathon (2022):** Guided students in building innovative solutions during the hackathon.
- **Finalist at Smart India Hackathon 2020 (Software Edition):** Recognized for developing a competitive software solution on a national stage.
- **Top 5 Finalist at Web-A-Thon (2020):** Placed among the top competitors in a nationwide hackathon organized by Ganga Institute of Technology.