

# Joshua Garst, Software Engineer

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## Summary:

Driven software engineer with a passion for crafting high-quality, scalable solutions across a variety of platforms and technologies. Experienced in multiple .NET frameworks front-end development, and diverse databases. Adept at DevOps, CI/CD pipelines, and collaborative Agile workflows. Knowledgeable about LLM (Large Language Model) integration, AI development, and modern cloud-based services. Committed to continuous learning, cross-functional teamwork, and delivering effective, maintainable code.

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## Skills:

- **Front-End Frameworks & Tools:** React, WordPress, PHP, Handlebars, Razor Pages, JavaScript (ES6+), HTML5, CSS3
  - **Back-End & Server-Side:** .NET (C#, ASP.NET MVC, from 3.0 to .NET 9), Node.js, Express
  - **Databases:** Microsoft SQL, MySQL, PostgreSQL, CosmosDB, MongoDB
  - **DevOps & Collaboration:** CI/CD pipelines, Bitbucket, Git, Trello, Agile/Scrum methodologies, Docker
  - **Additional Knowledge:** AI development, LLM integration, RESTful APIs, Cloud deployment, Test-Driven Development (TDD)
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## Work Experience:

### Sharp Hue – Full-Time Backend Developer (February 2023 – Present)

- Promoted from Apprentice Developer after three months due to strong technical performance
- Develop and maintain .NET-based backend services, focusing on C# and ASP.NET MVC for high-traffic, data-driven applications
- Collaborate with frontend teams (React/JavaScript) to design and implement RESTful APIs; facilitate smooth data flow between client and server
- Leverage SQL databases for efficient data storage, retrieval, and query optimization with LINQ to improve application performance
- Adhere to confidentiality under MDA; contributed to high-impact solutions for multiple enterprise clients across various industries

### Freelance - Full-Stack Software Engineer (August 2022 – September 2023)

- Delivered multiple applications for diverse clients, focusing on React frontends and .NET or Node.js backends
  - Integrated various relational databases (e.g., SQL Server, MySQL) and performed optimizations to improve application performance
  - Provided consulting on system architecture and best practices, emphasizing scalability, maintainability, and security
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## Education:

### General Assembly – Software Engineering Immersive (September 2022)

- Completed coursework in React.js, Node.js, Express.js, REST APIs, SQL, NoSQL, Python, and best practices in modern software design and development