Ashish Patel

Software Engineer

patelashish584@gmail.com (630) 822-3613 Chicago, IL

Profile Summary

- Proficient **Software Engineer** with a proven ability to develop and deliver high-impact **Enterprise Applications** and advanced **Reporting Systems** in dynamic, fast-paced environments.
- **Full-stack developer** with a wide technical skill set, leveraging languages like **C#, JavaScript, VB,** and **SQL**, and frameworks such as **.NET** and **MVC**, to deliver efficient, scalable solutions that meet complex business needs.
- Solid understanding of the **Software Development Life Cycle (SDLC),** employing **Agile** methodologies to deliver projects on time and with high standards of quality while effectively collaborating with cross-functional teams.
- Strong grasp of critical technical domains, including **data analytics**, **web development**, **debugging**, and **database** management, ensuring efficient and scalable solutions.
- Well-versed in **database performance optimization** through advanced techniques such as indexing, query optimization, and automation, significantly improving data processing speeds and system reliability.
- Engaged **collaborator** with strong interpersonal skills, able to influence and align cross-functional teams with conflicting priorities to drive progress under aggressive time constraints.
- Effective **communicator**, recognized for delivering **technical presentations** that clarify project goals and progress, fostering understanding and alignment among clients and team members.

Education

Northern Illinois University B.Sc. in Computer Science   **Dekalb, IL** Aug 2020- Dec 2023

GPA: 3.7/4.0   Major: Software Development / Minor: Business Analytics

Technical Skills

Languages: Java, JavaScript/TypeScript, C#, C++, Python, PHP, HTML, CSS
Frameworks & Libraries: .NET, React, MVC, Bootstrap
Databases: SQL Server (SSMS, SSRS, SSIS), MySQL, Microsoft Access
Dev Tools: Git, Visual Studio / VS Code, Android Studio, IntelliJ IDEA, SSMS, Microsoft Access
Cloud & DevOps: Azure DevOps, Git, Visual Studio, VBA

Professional Experience

Health & Wellness Partners LLC Software Developer   **Upper Saddle, NJ** Oct 2023 - Present

- Brought business visions to life by delivering **Enterprise Applications** for **pharmaceutical companies** while contributing to every phase of the **Software Development Life Cycle** and delivering clean code in **C# / .NET, VB**, **JavaScript.**
- Collaborated within a cross-functional team including the **Product VP, Business Compliance Team, Director Meeting Planning,** and **Program Director,** employing **Agile practices**, including daily stand-up meetings and weekly sprints, to deliver software effectively under tight deadlines.
- Engaged with **Clients** in the pharmaceutical industry to **understand business use cases, gather technical requirements**, develop **custom portals for Speakers Bureau programs**, facilitate communication, and automate workflows for representatives and speakers, thereby improving event logistics management, compliance adherence, and training material accessibility.
- Optimized Database performance by refining Data Structures and improving processing speed with **SQL**, **Microsoft Access**, and **VBA** through Indexing, Query Optimization, Stored Procedures, Automation, Error Handling, and Form Controls, increasing data retrieval efficiency by **25%** and ensuring more reliable operations.
- Engineered a custom portal for a pharmaceutical company to facilitate speaker event management and payment tracking, utilizing **C#** and **.NET**, integrating Object-Oriented Programming, **LINQ**, and **Entity Framework**, while leveraging Middleware, Dependency Injection, and **MVC** architecture to improve scalability and maintainability.
- Employed in-depth peer quality control and pull requests to verify system integrity and maintain comprehensive testing documentation, achieving a code coverage of over **85**% while reducing defect rates by **35**%.
- Maintained and improved the software by implementing periodic updates and optimizations, utilizing **Git** for source code management and **Rollbar** for error logging, ensuring continuous system efficiency, and slashing downtime by **25**%.
- Ensured secure coding practices by integrating **Azure Key Valult** and **User Secrets** into the development lifecycle, implementing XSS prevention and encryption while conducting regular code audits, ultimately reinforcing system robustness and reducing security breaches by **60%**.
- Developed and resolved complex tickets using **Workfront,** consistently meeting tight deadlines.
- Delivered **technical presentations** on **new designs and features** through **demo portals**, effectively communicating development plans to clients and ensuring their comprehensive understanding to optimize project delivery.

- Provided **support** and conducted **code reviews** for teammates while engaged in team discussions and projects, earning recognition for consistently delivering high-quality outputs.

CURO Financial Technologies Corp ⬈ Software Engineer (Intern) **Chicago, IL** Jun. 2023 - Aug. 2023

- **Contributed to the software development lifecycle** by designing and implementing both **front-end** and **back-end** features for the "Tiger Reporting System," a dynamic solution for report generation and viewing.
- Collaborated within a multidisciplinary team, including the **Risk Team** and **Senior Product Managers**, maintaining close communication and asking calibrated questions to remove bottlenecks and reach alignment.
- Led agile sprints, standups, and code reviews, fortifying team efficiency and guaranteeing the successful completion of user stories, catalyzing significant project advancements.
- Designed a backend solution using **C#** and **.NET Core,** simplifying report creation, managing parameters, and generating dynamic **SQL** based on user input, leading to a **15%** improvement in data retrieval and reporting efficiency.
- Engineered a user-friendly report viewer using **React** and **TypeScript**, integrating **GraphQL** for optimized data communication, and incorporating **Bold Reports** for effortless report visualization.
- Devised a strategy, improving parameter handling, ensuring type consistency with **GraphQL**, and enhancing **front-end/back-end** data flow, resulting in a **25%** boost in system performance and stability.
- Leveraged **Azure DevOps** as the primary platform for software lifecycle management, ensuring systematic tracking of user stories, repository maintenance, and other associated activities to facilitate development processes and improve collaboration.