Amit Dhir

Sr. Software Engineer | Azure | AWS

⊗ Profile

- Dedicated Senior Software Engineer with an extensive 14-year track record in the design, development, testing, and implementation of full-stack applications.
- Proficient in a diverse range of technologies, programming languages, and design patterns, navigating the Software Development Life Cycle (SDLC) with precision.
- Passionate about continuous learning and knowledge sharing by consistently staying abreast of emerging technologies and best practices.
- Recognized for spearheading innovative solutions in leading LIS Projects within the Biosciences sector of the Healthcare domain.
- Thrives both independently and as a collaborative team member, fostering a culture of excellence and achievement.
- Expert in debugging to identify the root cause of performance issues.
- Experienced in effectively coordinating with both onsite and offshore teams, ensuring seamless project delivery and alignment with organizational objectives.
- Known for thriving in high-pressure environments, leveraging outstanding communication and presentation skills to drive success.

⟳ Employment History

Sr. Principal Consultant | Technossus, Irvine USA
June 2020 – Present | Bio-Cept

- Designed EMR integrations to streamline lab operations, resulting in a significant reduction in Turnaround Time (TAT) and enabling the processing of up to three thousand COVID-19 orders daily at a scale.
- Optimized Azure infrastructure costs by 66% through the strategic migration of Azure SQL Database from DTU to vCore tier, demonstrating fiscal responsibility and resource efficiency.
- Implemented robust CI/CD pipelines using Azure DevOps, facilitating seamless deployment of artifacts across local and production environments, to enhance software delivery efficiency and reliability.
- Directed cross-functional teams, both onshore and offshore, by providing strong leadership and fostering a culture of collaboration and excellence. Led initiatives such as consistent code reviews, adherence to best practices, and ensuring application security and stability.

Principal Consultant | Technossus, Irvine USA
Jan 2018 - June 2020 | Bio-Rad

- Engineered a high-performance API in Google's Golang, operating as a Linux Service, achieving statistical computations within a remarkable sub-200 millisecond timeframe, optimizing efficiency and responsiveness.
- Designed a Rule engine for west guard rules (1-2s and 1-3s) in GoLang.

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in https://www.linkedin.com/in/talktoamitdhir

🐙 https://github.com/talktoamitdhir

👤 Skills

C#, ASP.NET, .NET Core, Web API, MVC, LINQ

KnockoutJS, ReactJS, Angular, Typescript, JQuery, JavaScript. HTML, CSS

Azure DevOps, Azure Storage, Azure Functions, Azure Web Apps, Azure API Management, Log Analytics, Azure App Insights, Azure Service Bus (Queue and Topics)

Azure SQL Server, Cosmos Db, Postgresql, MySQL, Query Store, SSIS, SSRS, Power BI

AWS Lambda, AWS Code Commit, AWS, AWS SNS, SQS

SalesForce, Mirth Connect

Visual Studio, Visual Studio Code

Postman, Insomnia, Jmeter,

Github, Github Actions

GoLang Delve

- Provided leadership to a diverse team of onshore and offshore professionals, overseeing the development and integration of software, fostering collaboration and achieving project milestones.
- Implemented Azure Service Bus for efficient communication and orchestration between microservices, enhancing system interoperability and enabling seamless integration of distributed components.
- Implemented comprehensive unit testing for the entire application, rigorously assessing functionality and performance prior to staging and production deployment, ensuring high-quality, bug-free releases and enhancing overall system reliability.

Consultant | Technossus, Irvine USA
Dec 2014 - Jan 2018 | Helix LIMS

- Conducted comprehensive code reviews, ensuring adherence to coding standards, best practices, and identifying potential issues early in the development lifecycle to maintain code quality and stability.
- Scoped projects effectively, defining project objectives and requirements for modules such as Dos management, Lab management, Workflows, Distribution, aligning development efforts with organizational goals and priorities.
- Seamlessly integrated Laboratory Information Management Systems (LIMS) with Mirth, enabling interoperability and data exchange between disparate healthcare systems, optimizing workflow efficiency and data accuracy.
- Created and maintained Deployment Diagrams to visualize and streamline deployment processes, providing clear guidance for deployment activities.

Software Developer | Technossus Software Services, Ludhiana INDIA
March 2011 - Dec 2014 | Apvx ApAnywhere

- Implemented and maintained a robust multilayer architecture, ensuring modularity, scalability, and maintainability of software systems.
- Oversaw end-to-end delivery for new modules, from initial requirements gathering and architecture design to implementation, testing, and deployment, ensuring timely delivery and client expectations.
- Managed all aspects of releases, including production, staging, and hotfixes, coordinating with cross-functional teams to ensure smooth deployment and minimal disruption to operations.
- Created and managed database objects including tables, views, user-defined functions, stored procedures, and triggers, leveraging SQL Server Management Studio to ensure efficient data management and integrity across development and production environments.

Jr. Software Developer | Momentum Infotech, Ludhiana INDIA
June 2009 - March 2011 | Lowegear

- Acquired proficiency in PHP while actively contributing to the development of an ecommerce application specializing in customized T-shirts sales, gaining hands-on experience in full-stack web development.
- Played a pivotal role in the development and enhancement of the Shopping Cart module within the ecommerce application, streamlining the purchasing process and enhancing user experience.
- Seamlessly integrated PayPal payment gateway into the web application, ensuring secure and reliable transactions, and expanding payment options for customers, thereby increasing sales and revenue.

Education

- Bachelor of Technology (Computer Science & Engineering) from
Punjab Technical University (2005 - 2009)

Certification

- AZ-203 - Developing Solutions for Microsoft Azure.
- 70-532 - Developing Microsoft Azure Solutions.
- CLF - AWS Cloud Practitioner.