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# SHASHANK SHEKHAR TRIPATHI

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## PROFESSIONAL SUMMARY

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Results-oriented **Full Stack Developer** with **11+ years of experience** in designing, developing, and deploying enterprise-grade web applications using **.NET Core, ASP.NET MVC, Razor Pages, Angular, ReactJS, Vue.js, JavaScript, jQuery, and SQL Server**. Currently part of the **HCL Software division**, contributing to **DRYiCE MyXalytics**, a flagship product used by global clients like **Burberry** for **cloud spend analytics and enterprise reporting**. Skilled in **end-to-end development, production-grade environment handling, release management, and deployment**, ensuring stable and high-performing releases. Strong expertise in **REST API development, SQL performance tuning, and Azure DevOps CI/CD pipelines**. Proactive team player with a passion for building scalable solutions, improving operational efficiency, and delivering business value on time.

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## ACCOMPLISHMENTS

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- Delivered end-to-end **full-stack features** in **DRYiCE MyXalytics**, improving **cost visibility by 25%, data processing by 30%, and user engagement by 40%** for clients like Burberry.
- Developed **Employee Payroll System** modules covering full lifecycle, ensuring **error-free payroll processing** and production-ready deployment.
- Built **role-based User Management module** for secure hierarchical access in EPS.
- Designed **web dashboards and REST API integrations** for Property Survey Management and Advertisements platforms.
- **Guided junior developers** and managed **production releases, CI/CD pipelines, and deployment** in enterprise environments.

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## TECHNICAL SKILLS

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| • <b>Frameworks &amp; Technologies:</b> ASP.NET MVC, .NET Core, Razor Pages, Entity Framework, Web API, RESTful APIs, ADO.NET, ReactJS, Angular (2+ to 8), Vue.js, jQuery, Bootstrap | • <b>Databases:</b> SQL Server (2014/2019), T-SQL, Stored Procedures, SQL Server Reporting Services, Views, Functions, Query |
| • <b>Languages:</b> C#, SQL, JavaScript, HTML, CSS                                                                                                                                   | • <b>Tools:</b> Visual Studio, Git, GitHub, Azure DevOps, Postman                                                            |
| • <b>Testing &amp; Automation:</b> Unit Testing, Automated Testing, Debugging, Performance Optimization                                                                              | • <b>Methodologies:</b> Agile Scrum, CI/CD Pipelines, Test-Driven Development (TDD)                                          |
| • <b>Other:</b> Application Deployment, Release Management, Production Support, Code Reviews, Guiding & Mentoring                                                                    | • <b>Soft Skills:</b> Team Collaboration, Problem-Solving, Communication, Adaptability                                       |

## EXPERIENCE

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### Associate Manager II

HCL Technologies – Noida, India

**Project:** DRYiCE MyXalytics

06/2020 - Current

**Description:**

- Working on DRYiCE MyXalytics, a production-grade enterprise reporting & dashboarding platform used by global clients (e.g., Burberry) for cloud cost analytics and spend optimization.
- Delivered end-to-end development of report builders, FinOps modules, and custom consoles using .NET Core, ASP.NET MVC, Razor Pages, and modern JS frameworks (Vue.js, Angular, React).
- Built & optimized REST APIs and SQL Server queries, reducing data processing times by ~30% and improving overall system performance.
- Enhanced UI/UX, resulting in a 40% increase in user engagement and better stakeholder feedback
- Actively involved in Agile ceremonies, Azure DevOps CI/CD, and production releases, ensuring on-time delivery and stable deployments.

**Skills Used:** .NET Core, ASP.NET MVC, Razor Pages, Angular, React, Vue.js, JavaScript, jQuery, SQL Server, REST API, Bootstrap

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### Senior Software Engineer

Tekplay Systems Limited – Noida, India

**Project:** EPS – Employee Payroll System

09/2018 - 05/2020

**Description:**

Developed and maintained a comprehensive Employee Payroll System covering the entire employee lifecycle — onboarding, wage calculation, payments, tax filings, and GPF account management — ensuring accuracy and compliance with statutory requirements.

**Key Contributions:**

- Developed backend services using **.NET Core Web API (2.2)** and front-end components in **Angular**
- Created **secure, scalable payroll modules** with optimized SQL Server queries for high performance.
- Contributed to **production-ready code** and participated in **unit testing and debugging** to ensure zero payroll errors.

**Environment:** .NET Core Web API, Angular 7, SQL Server 2016, Visual Studio 2017

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### Software Developer

DWI Consulting – New Delhi, India

**Project:** User Management Module

09/2017 - 09/2018

**Description:**

Developed a **dedicated User Management module**, enabling role-based access control and hierarchical user assignments independent of PFMS.

**Key Contributions:**

- Built **RESTful APIs** in **.NET Core Web API (2.2)** for managing users, roles, and permissions.
- Implemented **Angular 7 front-end components** for a seamless and secure user experience.
- Collaborated closely with business stakeholders to ensure proper **role hierarchy and access workflows**.

- Delivered **production-ready code** with unit testing and debugging to ensure stability.

Environment: .NET Core Web API, Angular 7, SQL Server 2016, Visual Studio 2017

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**Software Engineer**

**Thomson Digital – Noida, India**

**Project: Property Survey Management System**

**12/2016 - 09/2017**

**Description:**

Developed a **web-based property survey management system** for admins to view, manage, and verify property survey data efficiently.

**Key Contributions:**

- Designed and implemented **front-end components** using **AngularJS, HTML, CSS, Bootstrap, JavaScript, and jQuery**.
- Integrated **RESTful APIs** for seamless data retrieval and updates from backend services.
- Managed **XML-based data processing** for property information and ensured accurate data display.

**Environment:** AngularJS, HTML, CSS, Bootstrap, JavaScript, jQuery, XML, REST API

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**Software Programmer**

**AO Software Solution – New Delhi, India**

**Project: Advertisements Property**

**08/2014 - 12/2016**

- Developed **backend modules** with **MVC 4.5 and RESTful APIs** for data handling and integration.
- Worked on **XML-based data exchange** and ensured smooth data flow between front-end and back-end.

**Environment:** HTML, CSS, Bootstrap, AngularJS, MVC 4.5, XML, REST API

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## **EDUCATION**

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**Master of Computer Applications: 2013**

I.E.C College of Engineering & Technology - Greater Noida, India

**Bachelor of Computer Applications: 2009**

CCS University - Meerut, India

**Higher Secondary (XII): 2006**

CRTSVM Inter College, - Gorakhpur, India

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## **PERSONAL DETAILS**

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- Date of Birth: 16 August 1989
- Permanent Address: Patara Bazar, Pipraich, Gorakhpur, U.P.
- Marital Status: Married
- Gender: Male
- Languages Known: English, Hindi