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Gurugram 

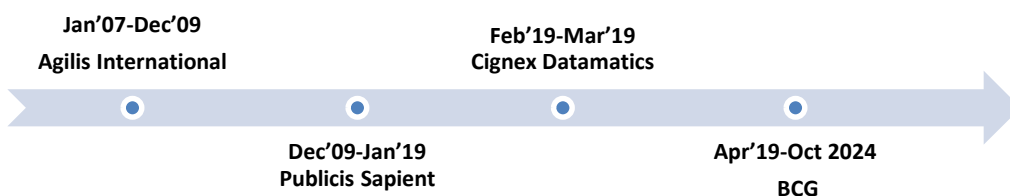


Seasoned technology leader with over **18 years** of experience in **enterprise application development**, and more than **8 years** in **engineering team leadership**, coupled with a strong focus on **full stack** along with **cloud adoption**, **digital transformation**, and **AI/ML** innovation. Adept at aligning technology initiatives with business objectives, managing cross-functional teams, and delivering **scalable and impactful** business solutions that drive business growth and efficiency.

Profile Summary

- **Software Development Lifecycle (SDLC) Excellence:** Proven ability to lead **end-to-end SDLC processes**, from **requirement analysis and technical documentation** to **coding, testing, deployment, and maintenance** of scalable applications.
- **Strategic Program & Delivery Management:** Expertise in **scope definition, risk assessment, cost estimation, and quality assurance**, ensuring seamless execution of software projects while maintaining high-quality standards.
- **Architect of Scalable Software Solutions:** Expertise in designing and implementing secure, scalable application architectures, leveraging microservices, cloud platforms (AWS, Azure, Google Cloud), and CI/CD pipelines to ensure seamless deployment and operations.
- **Strategic Technology Leader:** Proven ability to lead cross-functional teams, mentor talent, and implement Agile and traditional project management methodologies to deliver projects successfully. Adept at risk management, cost estimation, and quality control throughout the SDLC.
- **Stakeholder Collaboration & Business Alignment:** Strong communicator, aligning **technical roadmaps with business objectives**, working closely with **product managers, business leaders, and cross-functional teams** to deliver customer-centric solutions.
- **Governance, Compliance & Risk Management:** Adept at **ensuring regulatory compliance, data security, and risk mitigation**, maintaining audit-ready documentation and best practices.
- **Innovative Problem Solver:** Applied cutting-edge techniques and analytics to solve complex challenges across domains, driving tangible business outcomes.
- **Enterprise Integration and SAAS Expertise:** Skilled in integrating SaaS applications using microservices, object-oriented programming concepts, and service-based enterprise systems to modernize legacy architectures.

Career Timeline



Work Experience

Boston Consulting Group (BCG), Gurugram
Senior Manager Software Engineering Chapter Lead (Apr'19 - Oct'24)

Overall Responsibilities:

Engineering Leader | Technical Expertise & Delivery Oversight

- **Architectural Guidance:** Directed scalable and maintainable system designs, ensuring adherence to best practices in software architecture, coding, and deployment.
- **Delivery Management:** Successfully led high-quality, timely project deliveries, resolving technical roadblocks, and maintaining engineering standards.

Core Competencies

AI/Machine/Deep Learning

Software Development Lifecycle (SDLC)

Cloud-Native Development

Data Analytics and Optimization

Technical Project Management

Team Building & Leadership

Database Architecture

Design principles & Patterns

Client/ Stakeholder Management

Agile/ Scrum Methodology

Requirement Analysis

Design principles & Patterns

Education & Certifications

- **Certification In Machine Learning And Deep Learning**, from IIT Delhi, June 2024- Jan-2025
- **Master of Computer Applications** from Uttar Pradesh Technical University, July 2004 - June 2007
- **Bachelor Of Computer Applications**, M.C.R.P. University Bhopal, July 2001 - June 2004

Personal Details

Languages : English & Hindi

Date of Birth : 30th June 1984

- **Strategic Planning:** Aligned engineering initiatives with business goals, optimized workflows, and fostered innovation through emerging technology adoption.
- **Stakeholder Collaboration:** Partnered with product managers and business leaders to align technical solutions with business needs, ensuring exceptional customer outcomes.
- **Governance & Compliance:** Managed risks, ensured regulatory compliance (e.g., data security, privacy), and maintained audit-ready documentation.
- **Leadership & Team Management:** Recruited, mentored, and retained top talent, promoting an inclusive culture of continuous learning and cross-functional collaboration.

Cignex Datamatics, Gurugram Technical Lead (Feb'19 - March'19)

During my tenure, I made significant contributions in the following areas:

- **Migration Planning:** Initiated the migration of the HR Legacy Application from Classic ASP to MVC by creating a comprehensive migration plan and designing the architecture.
- **Version Control Modernization:** Successfully led the transition of the version control system from TFS to Git, improving code collaboration and versioning practices.

Publicis Sapient, Gurugram Senior Associate Technology(Dec '09 - Jan'19)

As a Senior Developer and Technical Lead, I contributed to delivering cutting-edge solutions in the energy, finance, and trading domains by leveraging advanced technologies, cloud platforms, and automation. My responsibilities spanned solution architecture, technical leadership, and team mentorship.

- **Solution Design:** Designed and implemented cloud-based solutions, including hybrid models (IaaS, PaaS) for optimized system performance.
- **Technical Leadership:** Led teams to deliver projects using modern technologies like Microsoft Cognitive Services, Azure Bot Services, MVC, and Spotfire.
- **Innovation and POC Development:** Delivered Proof of Concept (PoC) solutions like Oil Trade Insights AI using TIBCO Spotfire, Unity 3D, and Microsoft HoloLens for advanced chatbot interfaces and gesture-based reporting.
- **Team Mentorship:** Trained teams on cutting-edge tools (e.g., Azure, GIT, and MVC frameworks) to improve skill sets and delivery quality.
- **Full Stack Development:** Delivered web-based applications for inventory, trading, and data management, reducing manual errors, and enhancing business processes.
- **Agile Methodology:** Drove agile adoption, improving velocity and deliverable quality across projects.
- **Data Management:** Designed frameworks for continuous data quality monitoring, ensuring data accuracy and consistency.

Agilis Interantional, Gurugram Software Engineer (Jan 07 - Dec'09)

Worked as a full-stack developer at Agilis, contributing to web and Windows applications by executing end-to-end software development, including architecture design, client interactions, testing, and optimizing system performance. Delivered quality solutions through requirement analysis, bug fixes, and team collaboration.

Technical Skills

- **Design & Development Models:** Object-Oriented Design/Analysis, UML, Design & Modelling, Design Patterns, Domain-Driven Design, Test-Driven Development (TDD), Micro services (API), Web Jobs, MVC, MVVM, MVP
- **Programming**
 - **Programming Languages:** C#, Python, .Net Core, ASP.NET, WPF, WCF, Silverlight, Xamarin, VB.Net
 - **Database:** MSSQL, Oracle, MySQL, Amazon Document DB, Snowflake.
 - **Web and Mobile Technologies:** Next.js, React, Angular, HTML, CSS, JavaScript, Bootstrap, Tailwind CSS
- **Cloud & Virtualization:** Azure, AWS (Cloud Front (CDN), S3, RDS), GCP, Docker, Kubernetes, Service Bus (SQS)
- **Visualization and Reporting Platforms:** Tableau, Power BI, Spotfire, SSRS Alteryx, Fivetran, MuleSoft
- **AI/ML and Deep Learning**
 - **Deep Learning Techniques:** CNN, RNN, LSTM, Autoencoders, Transformers, Radial Basis Functions
 - **Machine Learning:** Logistic Regression, Naïve Bayes, Decision Trees, SVM, k-Nearest Neighbours, Random Forest, Ensemble Learning (Bagging, Boosting)
 - **Optimization Techniques:** Gradient Descent, Backpropagation, Bayesian Decision Theory
 - **Libraries:** NumPy, Pandas, Matplotlib, Plotly, TensorFlow, PyTorch, Keras, Scikit-learn
 - **Data Preprocessing and Visualization:** Data Cleaning, Feature Engineering, Exploratory Data Analysis (EDA)
 - **Mathematical Foundations:** Linear Algebra, Probability, Statistics

- **Domain Expertise:** Computer Vision, NLP, Speech Recognition, Clustering (K-means, Hierarchical), Dimensionality Reduction (PCA).
- **MLOps and Deployment:** Docker, Kubernetes, AWS ECS, CI/CD pipelines for scalable AI/ML model deployment.
- **Cloud Platforms:** AWS SageMaker, Azure ML, Google Cloud AI
- **AI/ML Services:** Amazon Rekognition, Poly, Lex, Azure AI Studio, Google AI Tools
- **DevOps and Security**
 - **DevOps Tools:** Git, Jenkins, GitHub Actions, Bitbucket, Octopus
 - **Security and Compliance:** Identity Server, Okta (OAuth tokens, API keys), SonarQube, Prism Cloud
- **Miscellaneous**
 - **Scripting:** VBA, Redis.
 - **Project Tools:** Jira, Jira Align, Confluence, Miro, Figma, Selenium, Playwright.
 - **ETL:** SSIS, Snowflake

Key Projects

Apr'19 Oct-24/ BCG

HR TRIBE –HRO| CompPro| Learning| Pathways-Mobility| **Integrations** with various in-house systems like Staffing and More (SAM) and SAAS Products- Workday | SABA | EdCast |Credly| Assignment Pro

- **HR Online to Workday Migration:** Led system transition to modern cloud-based HR solutions.
- **Mobility Marketplace to Pathways:** Developed a multi-client mobility platform from scratch with seamless integrations to Workday and various SaaS products. Led the migration of a legacy application to a modern stack using Angular, MS SQL, and a microservices-based architecture, enhancing scalability and performance.
- **CompPro:** Led the development team in optimizing compensation workflows through cloud-based automation. Enhanced and maintained an existing ASP.NET application with a C# backend and web api to manage all compensation processes within BCG.

Integrated multiple SaaS platforms like Workday and SABA with AI-powered modules for employee lifecycle management, enhancing user experience and reducing manual tasks.

Skills and Technologies: Angular, .Net Core, C#, Python, Microservices, MS SQL Server, Entity Framework, LINQ, Snowflake, MuleSoft, Docker, Kubernetes, Jenkins, Octopus, Web Jobs, Tableau, Alteryx, DBT, Oracle, Amazon Simple Queue Service (SQS), Redis, SonarQube, AWS services including Cloud Front (CDN), GitHub, Git Actions, JIRA, JIRA Align, Confluence, Miro, GitHub Co-pilot, Okta.

Dec'09-Jan'19/ SAPIENT

- Nov'17-Jan-19 **Oil Trade Insights AI:** Built a chatbot-integrated AI solution for real-time oil trade analytics.
- Apr'17-Nov'17- **E-Stream:** Web-based inventory and trading application for managing energy commodities.
- Jul'15-Apr'17- **XSIT-Application** A web-based application providing timely data related to refinery blending processes, replacing an MS-Excel based system.
- Apr'14-Jul'15- **DQP Dashboard - Data Migration Tool:** Developed a framework for continuous monitoring of data quality, focusing on consistency, completeness, correctness, timeliness, and accuracy.
- Mar'11-Apr'14- **Competency Tool** Designed and implemented a competency tracking system from the ground up, optimizing workforce efficiency and reducing skill gaps by 25%.
- Nov'10-Mar'11- **CGS&T ATLAS Credit:** A web application for handling trading in the downstream business of a giant oil company, processing trades from multiple trading systems.
- Jul'10-Nov'10 - **Citibank-UNCF:** A joint policy and practice initiative linking children's development accounts and financial aid for low-income students.
- Jan10-Jul'10- **GS&T ATLAS Pricing Application:** An integrated application for managing global supply, trading, and scheduling for a giant oil company, providing broker quotes via web services.

Skills and Technologies: C#, Python, ASP.NET, Web API, GIT, SQL Server 2016, Entity Framework, LINQ, N-Service Bus, Knockout JS, Kendo Controls, AngularJS, SpreadJS, SQL Server Reporting Services (SSRS), WCF, SQL Server Integration Services (SSIS), AJAX, JavaScript, HTML, MVC, RabbitMQ, MVVM, WPF, SVN, SonarQube, Spotfire, BizTalk, Microsoft Cognitive Services (Language Understanding (LUIS), Speech and Vision), Azure Bot Services.

Jan'07-Dec'09/ AGILIS

- Jul'07-Dec'09- **Risk Metrics - Financial Research & Analysis:** Developed financial research platforms serving 20,000+ clients in Nasdaq-listed firms.
- Sep'08-Aug'09-**Insight Ventures:** Worked on data visualization and risk management solutions for financial institutions.
- Feb'07-Jun'07 **Verizon - Traffic Mind:** Ttelecom optimization systems reducing operational costs and fraud detection.

Skills and Technologies: ASP.NET, VB.NET, C#, JavaScript, VSS, Bugzilla, AJAX PRO, MySQL, SQL Server, Ajax Control Toolkit, Oracle 10G.