



Bibhore Singh

91-9971115623, bibhore@gmail.com

 <https://in.linkedin.com/in/bibhore>

Areas of Expertise

- Design Thinking & Innovation
- Leadership Across Disciplines
- Cross-Functional Communication & Collaboration
- Adaptive Learning & Rapid Skill Acquisition
- Strategic Thinking & Vision Alignment

Versatile professional with comprehensive expertise across **research, design, development, and team leadership**. Adept at driving end-to-end product development while embracing additional responsibilities and rapidly learning new domains. Proven track record of delivering high-quality software solutions that drive business growth and enhance user experience. Expertise in full-stack development with AI integration, cloud computing, and agile methodologies. Adept at collaborating with cross-functional teams to design, develop, and deploy innovative products. Recognized for exceptional problem-solving skills, strategic thinking, and a commitment to continuous learning and improvement. Seeking to leverage my technical expertise and leadership abilities to contribute to the success of a forward-thinking organization.

Work Experience (17 Years)

June 2021 - Present

Role – Engineering Lead at Microsoft IDC | Noida

Throughout my tenure, I have embraced multiple leadership roles--including Architect. Development Lead, Scrum Master, Livesite Lead -to drive innovation and deliver outstanding results. I excel at guiding cross-functional teams through complex and transformative projects, consistently achieving significant cost savings and efficiency improvements across operations.

- Lead cross-functional teams of ~ 12 people between India and Redmond for migration of live services to modern Aks infrastructure, resulting in significant cost savings of 70% and 80% efficiency improvements within the specified timeframe and without any customer impact.
- Lead the data collection and processing for my team area by owning the data pipelines for ADF, Cosmos, Xflow and partner data integration, working directly with the AI scientists for ingesting the required data for the models
- Spearheaded the initiative to enhance team efficiency using AI and Copilot technologies. Designed and led the development of the Inventory and DRI Copilot while quickly mastering Python and Lang-chain for this work. These copilots were created as pilot proof of concept, serving as a learning foundation and inspiring the team to further explore optimizations in our existing processes, now the pilot has got the business approval for full scale development and integration across different verticals.
- Established the framework for individual and team live-site responsibilities, lead and built tools to support Business functions, and automated workflows for Issue resolution.
- Lead the architecture and design for many critical business features like Purchase, warranty which required collaborating with the team and business stakeholders, the warranty feature resulted in ~20M revenue from cross region warranties sale
- Motivated and maintained focus on business priorities during a challenging reorganization and team split, earning appreciation from both managers and team members.
- Completed the Async architecture changes for many long running data processing jobs improving the customer experience and reduction in the API servers load

Aug 2018 – June 2021

Role - Principal Engineer at Oracle | Hyderabad

- Setup the team of 10 people for optimising the customer experience in data, UX, backend across different verticals in Eloqua (Marketing automation) product while mentoring a team of college hires
- Designed, developed and architected product capability for new communication channel, this communication channel is now being used by 8k customers across Eloqua.
- Improved the customer data processing by 80% by implementing async data processing using Kafka, which was earlier done using legacy processes resulting in frequent timeouts.
- Improved the product performance by 50% by analysing and removing the performance bottlenecks bringing the overall processing ~5 s which was earlier taking more than 30 sec
- Proposed and implemented the code documentation and architecture sequence diagrams which were later adopted as a practice across product
- Drive the security compliance across all geo teams for making the product security compliant as per OSSA initiative

April 2016 – April 2018

Role - Principal Engineer at Monotype Imaging | Noida

Sept 2009 – April 2016

Role - Technical Architect / Manager at HCL Technologies | Noida

March 2007 – Sept 2009

Role - Technology Specialist at Dell Perot Systems / NTT data | Noida

Recognitions

Patent idea innovation certificate

Best mentor award

Best Project award

Best Blog and Whitepaper writing award

Associate Excellence award

Associate Performance award

Spot award

Most dedicated Programmer

Technical Skills/ Core Competencies

- End-to-End Product Development: Spearheaded solutions using Microsoft and cloud technologies.
- Efficiency Improvement: Applied generative AI to drive process innovation and enhance team performance
- Continuous Learning: Constantly pushed the boundaries by researching emerging technologies and integrating them into product development initiatives
- Adaptive Learning: Continuously expanded my skill set to meet evolving project needs

Patents, Blogs and Publications

System and Method for Processing Raw Data

US-20160247077-A1

<https://portal.unifiedpatents.com/patents/patent/US-20160247077-A1>

System and Method for identification of impacted test cases Due to code changes

India 2694/CHE/2013

-Intelligent Data Visualization

<http://www.hcltech.com/blogs/engineering-and-rd-services/intelligent-data-visualization>

- Microsoft C# as a New Language for Cross Device Hardware Programming

<https://www.hcltech.com/blogs/microsoft-c-new-language-cross-device-hardware-programming>

-Hybrid Cloud with Windows Azure Service BUS

<http://www.hcltech.com/blogs/engineering-and-rd-services/hybrid-cloud-windows-azure-service-bus>

Technical Skills

Azure OpenAI / Copilot	★★★★☆
Backend (C#.Net)	★★★★☆
Backend (Java)	★★★☆☆
Database (Sql Server)	★★★★☆
Cloud (Azure / Aws)	★★★★☆
ML (Python)	★★★☆☆
Big Data (Kafka/Spark)	★★★☆☆
IOT (AMQP, MQTT, COAP, AWS IOT)	★★★★☆
UI (HTML 5, jQuery, JavaScript, Node.js)	★★★★☆
Virtualization (Aks)	★★★★☆
GenAI- GPT, RAG, Embeddings	★★★★☆

Education

MCA (Full Time) from UPTU with 76.5%