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| Strengths  *-Extensive experience in developer, architect, and managerial roles, showcasing adaptability and a comprehensive understanding of various responsibilities.*  *-Hands-on experience from basic low-level programming to advanced high-level development in various languages, demonstrating a broad and deep technical skill set.*  *-Proven success in top product organizations and dynamic startups, highlighting flexibility and the ability to thrive in different work environments.*  *-Self-driven professional with a strong track record of converting innovative ideas into functional, impactful products.*  *- Extensive experience across all major product delivery channels, including Web, Desktop, Mobile, and IoT, ensuring comprehensive product development capabilities.*  -*Constantly pushed the boundaries by researching emerging technologies and integrating them into product development initiatives* | |
| 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.   * Led cross-functional teams (~12 members in India and Redmond) to migrate live services to AKS infrastructure, achieving 70% cost savings and 80% efficiency improvements without customer impact. * Managed data pipelines for data collection from multiple partner integrations; collaborated with AI scientists to ingest necessary data for models. * Enhanced team efficiency using AI and Copilot technologies; designed and developed Inventory and DRI Copilot, mastering Python and Lang-chain, RAG. Pilot approved for full-scale implementation. * Established live-site responsibility frameworks and developed tools to support business functions, streamlining issue resolution. * Architected key features like Purchase and Warranty, resulting in ~$20M revenue from warranty sales. * Maintained team focus during reorganization, earning commendations from managers and team members. * Optimized data **processing** by completing asynchronous architecture changes, improving customer experience and reducing API server load.   Aug 2018 – June 2021  **Role - Principal Engineer at Oracle | Hyderabad**  During my tenure with oracle, I worked on optimizing customer experience, enhancing product performance, and driving security compliance. Lead the designing of scalable solutions and mentoring cross-functional teams.   * Set up a team of 10 engineers to optimize customer experience in data, UX, and backend for Eloqua's marketing automation product, mentoring new college hires. * Designed and developed a new communication channel now utilized by 8,000+ Eloqua customers. * Enhanced customer data processing by 80% through implementing async processing with Kafka, eliminating frequent timeouts from legacy processes. * Boosted product performance by 50% by identifying and removing performance bottlenecks, reducing processing time from over 30 seconds to around 5 seconds. * Instituted code documentation and architecture sequence diagrams, practices later adopted across the product. * Led security compliance efforts across global teams, ensuring the product met OSSA security standards.   April 2016 – April 2018  **Role - Principal Engineer at Monotype Imaging | Noida**   * Big-Data Roadmap Development: Designed and implemented a comprehensive big-data ecosystem roadmap, training teams in advanced data analytics. * POC Development for Big-Data & Machine Learning: Led the creation of POCs for big-data and machine learning, achieving significant improvements in data processing efficiency. * Individual Contributor: Delivered high-quality contributions across multiple product lines, ensuring alignment with organizational objectives. * Mentorship and Team Guidance: Mentored consultants and junior members, enhancing team skills and project outcomes through effective knowledge transfer. * High-Performance Solution Architecture: Engineered scalable, high-performance solutions, improving system reliability and user experience.   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** | | |
| 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  |  |  | | --- | --- | | **OpenAI / Copilot / Hugging Face** | ★★★☆☆ | | **GenAI- GPT, RAG, Embeddings** | **★★★☆☆** | | **IOT (AMQP, MQTT, COAP)** | ★★★☆☆ | | **Backend (C#.Net, Java, Python)** | ★★★★☆ | | **Database (Sql / No SQL)** | **★★★☆☆** | | **Cloud (Azure / Aws)** | ★★★★☆ | | **Big Data (Kafka/Spark)** | ★★☆☆☆ | | **UI (HTML 5, jQuery, JavaScript, Node.js)** | ★★★☆☆ | | **Virtualization (Aks)** | ★★★☆☆ |  Education MCA (Full Time) from UPTU with 76.5% 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 | | |