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|  | ***Professional Summary***  Experienced Software Engineer and Team Leader with over 14 years of expertise in leading software development teams and managing complex projects in a cloud-native environment. Demonstrated proficiency in architecting and implementing scalable microservices-based solutions across various industries. Deep understanding of Java frameworks, databases, and advanced web technologies. Proficient in deploying cloud-native solutions that enhance operational efficiencies and agility. Eager to leverage my comprehensive technical skills and leadership abilities in a challenging role to drive innovation and contribute significantly to the company's growth.  ***Work History***  Intercontinental Exchange - Manager/Software Engineering Lead  *02/2020 - Current*   * Leading ICE website team, catering to external and internal users and hosting various business needs across different domains. * Revamped website's monolith application into domain-oriented micro-service architecture to enhance scalability, agility, and maintenance. * Implemented search capabilities using Spring RESTful Web-Services and Elasticsearch to improve user experience and accessibility. * Enhanced inbuilt content management system with ReactJS and Node and introducing Cloudflare CDN services and Redis caching for improved performance. * Migrated applications from Maven to Gradle and enhancing CI/CD pipeline for agile deployment model. * Built ICE Education portal with Spring Boot Rest services, messaging applications, REST services, and Oracle integration. * Facilitating requirements gathering, software design meetings, and coordinating product roadmap * Providing direction to direct reports, addressing team member concerns, and representing challenges to leadership * Offering technical vision for product, making technology recommendations, and participating in peer reviews for code and program specifications   Target Corporation - Lead Engineer  *04/2016 - 02/2020*   * Enhanced guest experiences and supported last-mile delivery by developing Warehouse Distribution Management and Guest Fulfillment supply chain applications, leading to a 25% increase in customer satisfaction. * Implemented an event-driven microservices architecture utilizing Spring Boot Reactor, Ratpack, Micronaut, REST services, and messaging applications, significantly improving system scalability and responsiveness. * Drove operational efficiency by creating enterprise integration applications using the Apache Camel Framework, which streamlined data processing and reduced overhead costs by 20%. * Established an automated testing framework for the Warehouse Management System application, reducing bugs by 50% and accelerating the QA process. * Built and maintained a CI/CD pipeline, integrating applications with ELK stack and Grafana for real-time monitoring and alerting, improving incident response times by 60%. * Led code reviews and software design meetings, and facilitated requirements gathering, enhancing development efficiency and project alignment. * Supported system testing and UAT, ensuring the stable deployment of code into production environments, maintaining a 99% uptime. * Adhered to industry standards and agile methodology in development and technical documentation, ensuring compliance and up-to-date practices within the team.   Aditi Technologies - Senior Software Engineer  *10/2015 - 03/2016*   * Led the development of the Anesthesia Cost Dashboard Compilation (ACDC) for GE Healthcare Analytics, resulting in a 40% reduction in operational costs and a 35% increase in decision-making speed for hospital systems by enhancing data visualization. * Implemented SOAP and RESTful frameworks to develop robust services that communicate with cloud services on Microsoft Azure, ensuring seamless data integration and system reliability. * Created a real-time monitoring system application using Apache Spark, Spark Streaming, and Cassandra, which facilitated immediate data processing and insights, boosting operational efficiency. * Maintained code quality and upheld standards through rigorous unit testing and code reviews, which contributed to a consistent 30% reduction in bug rates across development projects. * Provided critical feedback on design and development during each sprint, driving a 20% improvement in sprint efficiency and accelerating product delivery timelines.   InComm - Software Engineer  *02/2015 - 10/2015*   * I have been involved in developing and enhancing the Application Processing System to efficiently manage diverse card products and payment solutions to driver efficiency by 40%. * . My role has included designing scalable applications capable of handling significant transaction volumes, ensuring robust system performance under high-demand conditions. * I have also focused on replicating and resolving production issues in lower environments, optimizing code, and improving overall system reliability and efficiency. * My collaborative efforts with various teams have been pivotal in aligning business flows and integrating complex module functionalities, while also contributing to strategic business meetings to drive project and system enhancements.   Manhattan Associates - Software Analyst  *12/2012 - 02/2015*   * Implemented and customized Manhattan Warehouse management products for different clients on different versions (2011, 2013). * Utilized programming and technical knowledge to design and develop modifications to products, improve performance and enhancements. * Addressed production environment issues and provided timely fixes while interacting with clients. * Conducted Technical Analysis sessions to understand client's functional and technical needs, delivering technical solutions. * Offered product expertise and technical support to existing clients, resolving customer product issues through software installation, configuration, operations consulting, troubleshooting, and system testing.   JDA Software Group - Sr. Technical Analyst  *04/2012 - 11/2012*   * Collaborated with team, developing Java, ASP.NET, Visual C#, and C++ solutions for Freight, Passenger Travel, and Hospitality projects, and testing changes for multiple initiatives. * Conducted Technical Analysis sessions to understand client's functional and technical needs, delivering technical solutions. * Provided expertise and technical support to clients and resolving product issues. * Followed operational guidelines, documenting all interactions, and creating Knowledge Base solutions.   Tek Systems - Software Tester  *08/2011 - 03/2012*   * Developed ATS (Automation Tracking System) for Sprint mobile device testing. * Designing and developing web forms and implementing security features * Testing mobile phone devices and fixing related code errors and promote to production. |  |  | |  |  | | --- | --- | |  | pavanbajaj88@gmail.com | |  | 309-361-0958 |   ***Skills***  **Programming Languages:** Java, Python, JavaScript, Groovy, Kotlin  **Databases:** MongoDB, Cassandra, Redis, Elasticsearch, Oracle, PostgreSQL  **Frameworks and Libraries:** Spring Boot, Micronaut, Hibernate, Apache Spark, Apache Camel, GraphQL  **DevOps & CI/CD Tools:** Docker, Kubernetes, Jenkins, Helm, Terraform, Spinnaker  **Version Control & Project Management:** Git, Bitbucket, Jira, Kanban  **Data Exchange Technologies:** RESTful Services, JMS, AMQP, gRPC, Apache Kafka  **Monitoring and Alerting:** Prometheus, Grafana, Elastic Search, LogStash, Kibana, Sensu  **Application Servers:** WebSphere, Tomcat, Nginx, JBoss  **Cloud Technologies:** AWS, Google Cloud, On-Prem cloud services using Vmaas  **Content Delivery Network:** Cloudflare  ***Education***  University of Missouri  Kansas City MO, USA  Master of Science: Computer Science  JNTU  Hyderabad, India  Bachelor of Science in Information Technology  ***Professional Development***  Attended several industry conferences and workshops on Java and related technologies.  Completed online courses and certifications on Cloud technologies, Agile methodologies, project management, and leadership skills. |  |