Abhishek Goswami

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# Summary

Results-oriented engineering manager with over a decade of experience in e-commerce, Financial Domain applications, software engineering, and project management. Seeking to leverage expertise in **Java, Kotlin**, and **cloud platforms** to contribute effectively to innovative projects while embracing emerging technologies and best practices. Expertise in **Angular 8, Spring Boot, Spring, Node.js, and REST API**. Experienced in designing and implementing scalable web applications, with a strong emphasis on front-end development and backend integration. Proven track record of delivering high-quality solutions in the Banking/Financial domain. Strong communicator with a focus on fostering collaboration and driving continuous improvement.

# Skill Summary

**Software Development {JAVA}**

* Architected and developed high-throughput, low-latency cloud-native applications in distributed systems using microservices (**Java/Spring Boot, Kafka).**
* Proficient in **Angular,** **Typescript**, and **Hibernate**. Strongly preferred with Microservices architecture and experienced in **SQL Server.**
* Proficient in **Java/J2EE, Groovy, Python**, and **JavaScript** with expertise in object-oriented design (OOD), service- oriented architecture **(SOA), and Test-Driven Development (TDD)** principles.
* Implemented **RESTful APIs** using Spring Boot and Node.js to facilitate communication between frontend and backend systems. Skilled in caching technologies like **Redis a**nd experienced in event streaming platforms such as **Kafka** and **RabbitMQ**. Well-versed in cloud-native technologies including **Docker, Kubernetes, Ansible, Helm, AWS,** and OpenShift.
* strong background in **Node.js, Angular 8+, and Spring Boot.** Proficient in building scalable web applications with expertise in **frontend and backend** development.
* Designed, developed, and maintained **full-stack** applications using **Java 17, Spring Boot, and Spring** Integration, ensuring high performance and scalability.
* Adept in **cloud migration** strategies including **CDC, ACLs**, and Hybrid Deployments.
* Acted as**,** facilitating Agile ceremonies including sprint planning, daily stand-ups, sprint reviews, and retrospectives.
* Assisted in the development of **backend services** using **Spring and Node.js,** focusing on **REST API** design and implementation.
* Collaborated with **UI/UX** designers to implement responsive front-end designs using **Angular, JavaScript, HTML, and CSS.**
* Proficient in **SQL** and **NoSQL** databases, with hands-on experience in **Postgres** and Cassandra. Designed, developed, and maintained **Java-based** applications using **Spring Boot** and **Microservices** architecture, ensuring scalability, performance, and maintainability.
* -oriented and adaptable professional with excellent proficiency in **Java and JavaScript**, including **Node.js**. Skilled in **SQL** and relational databases, with a strong understanding of Linux/Unix environments.
* Developed and maintained backend services using **Node.js and Express.js, including RESTful APIs** for data retrieval, manipulation, and storage.
* Designed and implemented frontend components using **Angular 8+ framewor**k, ensuring responsive and intuitive user interfaces.
* Utilized **AWS** services such **as EC2, S3**, and RDS for deploying and managing web applications in the cloud.
* Utilized **Angular** and **Typescript** for front-end development, creating responsive and interactive user interfaces.
* Supported **QA** efforts by identifying and addressing software defects, ensuring the delivery of stable and reliable applications.
* Leveraged **Spring Boo**t to build robust backend systems, handling authentication, authorization, and data processing tasks efficiently.
* Adept at designing and implementing payment solutions, including payment gateways, fraud, and tax integration.
* Expertise in developing and scaling **APIs** and **web** services **using REST/SOAP, JSON/XML, Kafka, Active/IBM MQ, and Tibco.**
* Proficient in Angular for frontend development and **AWS for cloud services**, with a proven track record of delivering high-quality solutions.
* **Assisted in the development of RESTful APIs using** Node**.js and Express.js, focusing on CRUD operations, authentication, and error handling.**
* Deployed applications to cloud platforms such **as AWS or Azure** using **CI/CD** pipelines for **automated builds, testing, and deployment.**
* Experienced in implementing and managing cloud (**WCNP Private Cloud and Azure**) infrastructure, **optimizing IAM,** deployment, auto-healing/scaling, etc.
* Extensive experience designing web applications, large-scale distributed systems, business applications, **and e- commerce systems**/applications, focusing on scalability and maintainability.
* Led a team in the development of **Java-based web applications** with **Angular** for the frontend, delivering highly interactive and responsive user interfaces.
* Successfully integrated **Java applications** with **IBM mainframe** technologies, enhancing overall system capabilities and efficiency.
* Specializes in implementing enterprise **IT SaaS and PaaS** solutions **using J2EE, SOA, Web** Services, Message Middleware, CEP (Complex Event Processing), and **Microservices API** Architecture.
* Skilled in database design and implementation, with strong proficiency in **SQL (RDBMS) and NoSQL technologies.**

# DevOps

* Designed and implemented **Jenkins CIC**D pipelines and Kubernetes orchestration.
* Proficient in **Java** and **JavaScript** (includin**g Node.js**).
* Engineered **ETL** automation using tools such as **Apache NiFi and Python/NiFi** expression-based scripts.
* Implemented DevOps practices including setting up **pipelines, CI/CD**, version control with Git, test-driven development (**TDD),** **automated testing**, and Chaos Engineering to enhance software quality and reliability.
* Created analytics dashboards (**Splunk, Grafana, Kibana, etc**.) to visualize data, evaluate trends, and plan capacity.
* Leveraged **AWS services including EC2, S3, Lambda, and RDS to** deploy, scale, and manage applications in the cloud.
* Developed **Splunk, Grafana,** and Custom alerts and notifications systems for production monitoring, L1/L2 support analysis, and troubleshooting.

# Leadership

* Managed diverse teams, conducted performance reviews, and promoted a growth culture in engineering practices.
* Leveraged **Java EE** technologies including EJB and Java Transaction to enhance application functionality and performance.
* Implemented serverless architectures using **AWS Lambda,** reducing operational costs and improving scalability.
* Integrated Angular applications with **RESTful APIs** for seamless communication with backend services, enhancing data exchange and application performance.
* Designed and implemented **RESTful APIs using JAX-RS,** delivering efficient and scalable solutions for web development projects.
* Conducted code reviews and provided guidance on **Angular** best practices, fostering a culture of continuous learning and improvement within the team.
* Administered development life cycle, conducting code reviews, product demos, retrospectives, and knowledge transfer sessions.
* Experienced in **SQL** and relational databases
* Developed and maintained complex Java applications, ensuring adherence to low latency, high throughput, and multi-threading requirements.
* Headed learning programs and mentored and coached 20+ recent grads and entry-level engineers in software development and coding practices.
* Led SOX compliance review by leading quarterly and yearly audit reviews and working with external auditors.
* Conducted interviews and participated in hiring events/processes, capacity planning, and development.

# Experience

**Sr. Lead Software Java Developer – IC 04/2020-Present**

*NextGen Technologies | NYC, NY*

* Orchestrated the launch of a Customer Loyalty and Subscription program, developing cloud-native microservices within the distributed system.
* Developed test plans and testing strategies and contributed to building in-house automation APIs and tools.
* Developed robust and scalable Java applications, leveraging the latest version of Java and adhering to best practices in memory management, JVM performance tuning, and concurrency.
* Deployed and managed cloud-native applications using Docker, Kubernetes, Ansible, Helm, AWS, and OpenShift.
* Integrated event streaming platforms such as Kafka and RabbitMQ to enable real-time data processing and communication between microservices.
* Improved SNAP/EBT payment and refund calculation, preventing ~$8M loss by handling auth/re-auth and settlement updates with payment systems and payment gateway.
* Developed and maintained AngularJS-based frontend components for enterprise web applications, ensuring cross-browser compatibility and accessibility.
* Worked closely with backend developers to integrate Angular frontend with Java-based RESTful APIs, ensuring seamless data flow and application functionality.
* Implemented ETL data sync automation between OMS and Marketplace (MP) systems.
* Co-led efforts to optimize costs by analyzing software and infrastructure operational costs and decommissioning infrastructures based on risk analysis resulted in ~$5,000/day savings.

# Package Solution Consultant (Engineering Manager) 11/2017-04/2020

*IBM | Baton Rouge, LA*

* Revamped the payment solution and integrated the VISA payment gateway, reducing costs by over $500K/yr: leveraged iFrame-based session management, Javascript, and Java.
* Developed and maintained Java and JavaScript applications, including Node.js projects.
* Spearheaded DevOps designs and implementation initiatives. Developed CICD pipelines and enabled 1-click deployment, reducing deployment duration by 75%.
* Familiarity with Linux/Unix environments.
* Utilized SQL and relational databases for data storage and retrieval, enhancing system efficiency.
* Led engineering teams in developing cloud solutions utilizing Azure, Java, Cassandra, and ElasticSearch.
* Demonstrated proficiency in working within Linux/Unix environments to deploy and manage applications.
* Provided expert consultation on distributed systems design and deployment.
* Developed custom ETL pipelines utilizing REST/Java/Python to process, update, and store data from multiple systems such as inventory, fraud, and tax.
* Managed 15+ professionals across geographical locations, operating in an onshore/nearshore/offshore model.

# Lead Consultant (Lead/Development Manager) 12/2016-11/2017

*Galax-Esystems | Baton Rouge, LA*

* Developed and integrated REST APIs with external systems utilizing Java and implementing XML-> JSON conversion strategy with minimal overhead.
* Managed a team of 8+ professionals implementing the Manhattan West Coast DC project. Supported QA, production monitoring, L1/L2 support, root cause analysis, and resolution.
* Redesigned Sterling Order Management Suite using Java, web services, and POJO, improving the call center experience and reducing order capture time by 20%- 30%.
* Mentored professionals for post-implementation warranty and production support, streamlining SOPs for consistency.

# Software Engineering Senior Analyst 07/2011-12/2016

*Accenture | Bangalore, KA, India/Minneapolis, MN, USA*

* Reduced in-store customer pick-up time by 25% by designing and implementing custom UI and integrating OMS with Big Data systems.
* Collaborated with cross-functional teams to implement the MP solution and enable X-dock functionality.
* Developed SFS (Ship from Store) capability for US stores, improving the fulfillment process and customer communication.

# Additional Skills

* JavaScript/TypeScript, Java
* Mainframe Services
* E-Commerce, IBM Sterling Commerce • AWS, Azure, Google Cloud
* Microservices, Node.js, REST API • Spring Boot, Angular 8+ • Team Building
* DevOps (Jenkins, Kubernetes-K8s) • Webservices (SOAP, REST) • Kafka, Tibco, MQ • Risk Analysis
* Database (Oracle, SQL Cassandra, Cosmos DB) • Java, Groovy,
* Kafka, RabbitMQ￼• Critical ￼• Leadership
* Observability Stack (Splunk, Grafana) • WTS (XSLT, Mustache) • Process optimization • Agile/Scrum
* OS (Linux/Unix, Mac, and Windows) • Software Design Patterns • Apache NiFi (ETL) • SaaS, PaaS

# Education

**NMIMS University | Mumbai, India**

Bachelor of Technology | Computer Science and Engineering

# Awards/Recognition

IBM Innovation and Delivery Excellence Awards 2017

ACE (Accenture Celebrate Excellence) Q2&Q4 2013