HRISHIKESH DAHALE

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Experienced Java Engineer with around 5 years in application development using Java, Kotlin, C#, and Python. Skilled in creating user interfaces, integrating databases, and RESTful APIs, with expertise in popular libraries and frameworks for efficient, secure applications

EXPERIENCE

KGS Technology Group   July. 2024 – Present
Software Engineer   *Tempe, AZ*

- Enhanced search functionality and product recommendations by integrating caching mechanisms, resulting in a 25% improvement in query response times and higher user engagement.
- Fixed order processing bottlenecks caused by race conditions during peak load times by implementing transaction management and retry mechanisms.
- Addressed inventory sync failures between the central database and external vendors due to inconsistent API responses, ensuring real-time stock accuracy and reducing order cancellations by 15%.
- Resolved payment gateway errors arising from timeout exceptions by implementing fallback logic and integrating multiple payment gateways to ensure seamless transactions.
- Debugged and fixed session management vulnerabilities that were causing users to be logged out unexpectedly, improving the customer experience during checkout.
- Tuned application performance by identifying and fixing heavy database query joins and optimizing API calls with appropriate pagination and indexing strategies.
- Collaborated with QA engineers, DevOps, and product managers to ensure smooth integration, thorough testing, and on-time delivery of features.

Torana Inc.   Jun. 2023 – Jun 2024
Software Engineer   *Stamford, CT*

- Utilized Java Spring Boot, Docker, and OAuth2/JWT to create a secure sandboxed environment for clients, enabling them to run customized SQL queries while maintaining strict security protocols, resulting in a 30% increase in client satisfaction.
- Consolidated and optimized over 10 legacy microservices through redundancy removal, service decoupling, and standardized API design, resulting in a 35% improvement in operational efficiency.
- Created comprehensive unit test cases with JUnit to ensure reliability and maintainability across integrated microservices.
- Reduced container provisioning overhead by 30% through container reusability and dynamic resource management, cutting query execution time by 30%.
- Developed and implemented an automated logging and monitoring system using the ELK Stack (Elasticsearch, Logstash, Kibana), improving system reliability and enabling faster issue detection and resolution.
- Successfully obtained the SOC 2 certification within a 6-month period by leading a cross-functional team to implement necessary controls and policies.

Torana Inc.   Dec. 2019 – July 2021
Software Developer   *Nagpur, India*

- Developed advanced algorithms in Java Spring Boot to automate data collection from ad platforms, resulting in a 20% reduction in manual data processing and saving marketers over 16 hours per month.
- Improved efficiency by automating the data standardization process within the custom library, reducing manual errors and saving an estimated 20 hours per week for team members.
- Developed automated testing scripts using Selenium to increase test coverage across all integrated microservices, resulting in a 20% decrease in post-release bugs.
- Developed APIs for automating data ingestion and reporting, reducing the time to generate reports from 4 hours to 30 minutes and allowing CMOs to make faster, data-driven decisions.
- Enhanced system performance by implementing parallel and batch processing, reducing data ingestion time by 36%, enabling the platform to handle higher query loads without performance degradation.
- Addressed critical security issues with OAuth2 token management, encryption, and rate limiting, which increased the system's reliability and scalability, leading to 50% fewer security incidents and improved uptime.

Cognizant   Nov. 2018 – Oct. 2019

Software Developer   *Chennai, India*

- Implemented complex web UI designs using technologies such as ASP.NET, C# and HTML/CSS, resulting in a 40% increase in user engagement and a 20% decrease in bounce rates.
- Automated SQL queries and report generation using Microsoft Excel, VBA, and PowerShell tool, reducing manual effort by 95% from 5 hours to seconds, saving the team approximately 125 hours monthly.
- Developed Android applications for a leading e-commerce company, increasing customer engagement by 25%.
- Built custom SDKs to enable 3rd party integrations, resulting in a 50% increase in user base.
- Optimized the process of writing SQL query results to Excel using VBA's inbuilt methods, resulting in a 50% reduction in data transfer time.

INTERNSHIP

Amazon.com   May. 2022 – Aug 2022

Software Developer Engineer   *Seattle, WA*

- Developed and executed a comprehensive project plan using TypeScript and AWS Step Functions to integrate the new API, resulting in a 40% reduction in manual effort for configuring AWS-Backint backup services.
- Implemented cost-effective strategies by utilizing Kotlin and C# to construct serverless functions, resulting in a 30% reduction in cloud deployment expenses.
- Spearheaded the development of API systems from conception to implementation using Kotlin, C#, and TypeScript, resulting in a 20% increase in system efficiency and a 10% reduction in integration time.

SKILLS

Languages and Frameworks: Java, Spring Boot, Microservices, Python, Javascript, HTML, CSS, React JS, C, C++, C#

Developer Tools and Technologies: Git, GitHub, JUnit, Jenkins, Kafka, RESTful APIs.

EDUCATION

Arizona State University   Tempe, AZ

MS. Computer Science (Cybersecurity)   *Aug. 2021 – May 2023*

College Of Engineering Pune   Pune, India

B.Tech. Electronics and Telecommunication   *Aug. 2014 – May 2018*

CERTIFICATES

CompTIA: Security+, Pentest+, CySA+