

ABHISHEK M

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SUMMARY

Passionate Software Engineer with 2 years of experience in developing web applications and Java based back-end systems. Skilled in writing clean, maintainable code and troubleshooting complex issues. Experienced in collaborating with both small and large teams, working across multiple projects in Agile environments.

TECHNICAL SKILLS: Advanced Java, Spring Boot, Microservices, Azure Kubernetes, Azure Cloud, Docker, MongoDB, SQL, Azure Event Hubs, Apache Kafka, Apache NIFI.

PROFESSIONAL EXPERIENCE (2 Years)

Checkpoint Systems Software Pvt Ltd

Software Engineer 1

Bengaluru

Aug 2023 – Present

- Played a key role in migrating customers from legacy to new platform, by developing essential features that ensured business continuity and seamless transition.
- Took ownership of all performance-related issues across our product, optimized backend systems by redesigning them with a microservice architecture and implementing parallelism techniques. For instance, re-engineered two critical background tasks: the product preparation task, which was reduced from 12 hours to under 40 minutes, and the inventory update task, which previously took 4-5 hours and consumed excessive heap, now optimized to complete in under 30 mins with significantly lower heap usage.
- Owned and managed functionalities such as products synchronization from server to mobile and inventory management for BTC (Behind the Curtain), NOS (Never Out of Stock), and shelf-targeted items which are crucial for restocking.
- Implemented a Cron based purging system for database collections, enhancing data management and performance.
- Developed reporting systems with Java, Spring Boot, Apache NIFI, and Kafka to streamline customer data access.
- Developed several APIs for the product to enhance functionality and ensure seamless integration with other systems. I also leveraged Azure Event Hubs for real-time event streaming, enabling scalable cloud-based SaaS applications to efficiently handle high volumes of data.
- Diagnosed and resolved system crashes in production by analysing root causes and utilizing heap dump analysis tools. Successfully resolved numerous P1 blockers, ensuring minimal downtime and a seamless customer experience. Examples include addressing inventory export failures, sync call failures, and receiving item functionality issues, among others, all of which were swiftly mitigated to restore full system functionality.
- Mentored juniors to foster professional growth and development within the company.

Checkpoint Systems Software Pvt Ltd

Software Engineer Intern

Bengaluru

Feb 2023 – Aug 2023

- Diagnosed and resolved bugs within the codebase, improving overall project stability.
- Actively addressed customer requirements and played a key role in developing a few features.
- Contributed to code optimization, improving both the performance and efficiency of key components of the application.

EDUCATION

RNS Institute Of Technology

B.E in Information Science and Engineering, GPA: 8.02

Bengaluru

Aug 2019 – Jul 2023

PERSONAL PROJECTS

1. **News Website (Express JS):** Developed a dynamic news platform showcasing the latest headlines, integrated with a feature for users to share articles via Twitter.
2. **Android Application with Spring Boot Backend:** Built an Android application with real-time data exchange capabilities, ensuring seamless communication between the app and backend server.