AMOL BHUJBAL

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Cultivate a proactive approach as a backend engineer, emphasizing the creation and upkeep of complex software applications that meet the evolving demands of the technology landscape.

🎓 Education

- Bachelor of Computer Engineering
- M.I.T, Pune | **2011**

🗄 Core Competencies

- Software Development Life Cycle
- Agile Methodologies
- Cloud Computing Solutions
- System Architecture Design
- Performance Optimization Techniques
- Data Security and Compliance
- User Experience Enhancement
- Continuous Integration and Deployment

⚙ Technical Skills

Programming Languages: Java
Frameworks: Spring Boot, Spring Core, Spring Security, Spring Data JPA, Spring Rest
Microservices: Microservices, RESTful APIs
Databases: SQL, MongoDB, Redis
Build Tools: Maven
Version Control: Git
API Management: Kong Gateway
Payment Systems: Payments
Other Technologies: Apache HttpClient, Multi-threading, JWT, Log4j2.x, Jline, Spring Scheduler, Spring JDBC Template, KeyCloak IDP, Angular 4, ISO8583

🪪 Personal Details

Date of Birth: 08 Dec, 1989
Address: C-10 A, Laxmi Nivas, opp Kalyani Steel Co, Ghorpadi, Pune, 411036
Languages: English, Hindi, Marathi

👤 Profile Summary

- Leverage over 13 years of experience in backend engineering, specializing in the architecture, implementation, and support of high-efficiency software solutions in technology and financial sectors. Direct the design and execution of advanced microservices at Almosafer, enhancing payment processing systems and improving overall user experience. Master critical skills in Java, Spring Boot, microservices architecture, and database management, consistently delivering high-quality software solutions. Developed a sophisticated multi-cart checkout system that enhances user authentication and streamlines payment operations, significantly improving system performance metrics. Demonstrate strong leadership and communication skills, fostering teamwork across diverse functional groups to achieve project milestones and align with strategic business goals. Achieved a significant decrease in API response times, enhancing overall system performance and user satisfaction, while managing peak loads exceeding 2,000 requests per minute.

💼 Work Experience

Specialist Backend Engineer, Almosafer,Pune [onsite-Dubai], Dec 2022 – Present

Key Result Areas:

- Currently working in Loyalty project involving rewards, redeem. Designed and developed a standalone microservice integrating with a third-party loyalty provider.
- Led design and development of a robust multi-cart checkout system that enhanced user authentication and streamlines payment processing efficiency.
- Leading the creation of high-performance financial microservices using advanced technologies such as Spring Boot, Redis, and MongoDB, ensuring optimal response times for high transaction volumes.
- Developing custom plugins for Kong Gateway to enhance API security and facilitate seamless interactions between microservices.
- Conducting performance analysis and optimization of service operations, resulting in significant reductions in CPU and network overhead.
- Collaborating with cross-functional teams to gather requirements and translate them into technical specifications for software development projects.
- Implementing best practices in software development, including code reviews, unit testing, and continuous integration, to ensure high-quality deliverables.
- Mentoring junior engineers to address technical challenges and foster a culture of continuous learning and improvement.
- Engaging with stakeholders to provide project updates and address concerns or requirements effectively.

Achievements:

- Achieved a remarkable reduction in API response times from several minutes to mere seconds, even under peak load conditions, enhancing user satisfaction.
- Successfully integrated a scalable payment framework that accommodates various providers, including BNPL and loyalty redemption, resulting in increased transaction volumes.
- Recognized for outstanding performance in software development. Enhanced system performance by implementing advanced caching strategies, leading to a significant decrease in server load and improved response times.
- Recognized for exceptional contributions to the development of financial microservices, which supported over 42,000 daily transactions with sub-200ms response times.
- Received commendation for effectively troubleshooting and resolving critical request failures, resulting in a 0.17% reduction in operational overhead.

Software Development Engineer II, Avaya Inc., Pune, Jul 2021 - Dec 2022
　　Key Result Areas:
- Architected and implemented mobile push notification functionalities using Apache HttpClient and advanced multi-threading techniques to enhance user engagement.
- Enhanced existing modules by integrating the Spring Core container, optimizing performance and maintainability through the Spring framework.
- Ensured GDPR compliance by upgrading and integrating the log4j2.x logging framework, enhancing data security and privacy.
- Modernized legacy systems by adopting the latest Jline library, resulting in improved module performance and user experience.

Senior Software Engineer, Blueconch Tech (UST Global), Pune, Jan 2020 - Jul 2021
　　Key Result Areas:
- Developed multi-tenancy support for existing applications using Spring Scheduler and Spring JDBC Template, enhancing scalability and performance.
- Designed and implemented secure authentication systems based on Spring SAML, integrating with KeyCloak IDP server for robust security.
- Orchestrated high-performance large-file download functionalities via Spring Rest API, enhancing the application's feature set.
- Received commendation for contributions to secure software solutions.
- Collaborated with cross-functional teams to gather requirements and translate them into technical specifications for software development projects.

Software Engineer, ACI Worldwide, Pune, Jun 2015 - Jan 2020
　　Key Result Areas:
- Developed a robust API version management system using Spring and Spring JDBC, ensuring seamless evolution and integration of APIs.
- Implemented secure data masking techniques for sensitive banking information, utilizing advanced algorithms to protect user data.
- Architected a versatile PDF storage solution supporting both database and local file systems, incorporating intelligent timestamp handling for improved data management.
- Developed comprehensive end-to-end billing and reporting flows using Java 8, Spring Data JPA, Spring Rest, and Angular 4, enhancing overall system functionality.

💼 Previous Experience

Subject Matter Expert, Amdocs, Pune, Sep 2013 - Jun 2015
　　Key Result Areas:
- Developed and fixed bugs for mobile recharge features through wallet integration, leveraging Core Java, JDBC, and web services to enhance functionality.
- Collaborated with cross-functional teams to identify and resolve technical challenges, ensuring timely delivery of software solutions.

Associate Software Engineer, HCL Technologies, Noida, Oct 2011 - Sep 2013
　　Key Result Areas:
- Developed end-to-end features for displaying laboratory data in multiple formats using Spring, Flex, Java, iBatis, and Oracle technologies to enhance user experience.
- Collaborated with cross-functional teams to gather requirements and translate them into technical specifications for software development projects.