

Durga Gurung

Full Stack Java Developer

Woodside, NY 11377, USA | +1 718-755-9961 | gurungworld7@gmail.com
linkedin.com/in/durga-gurung | github.com/Ngolo7

About

Java Developer with over 4+ years of experience in the financial sectors. Proven expertise in designing, developing, and optimizing Java applications to drive efficiency, performance, and user satisfaction. Adept at integrating third-party APIs, implementing microservices architectures, and enhancing system reliability through advanced debugging and testing strategies. Skilled in Agile methodologies, cross-functional collaboration. Committed to continuous improvement and leveraging technical acumen to solve complex challenges. Seeking to contribute technical leadership and expertise in a dynamic team environment.

Experience

Capital One

New York, United States

Full Stack Java Developer

Jun '22 - Present

- Executed a social media API that increased user engagement by 30%
- Streamlined the system update process, reducing deployment times and boosting deployment frequency through continuous integration and deployment.
- Received recognition for outstanding teamwork and collaboration with QA team on multiple projects
- Ensured system compliance with industry standards through regular updates
- Introduced a code review checklist to streamline the review process and guarantee all aspects of the code were thoroughly examined
- Utilized advanced debugging techniques to troubleshoot and resolve intricate technical issues, earning recognition for technical expertise from peers and management.
- Advanced project transparency and accountability by utilizing version control tools for tracking code changes.
- Secured smooth deployment of Java applications by conducting thorough testing, achieving a huge success rate.
- Designed and built a RESTful API that improved data retrieval speeds, supporting faster decision-making and operational efficiency.
- Evaluated the latest software development trends and incorporated them into the project workflow, improving team productivity
- Integrated multi-factor authentication protocols, increasing data security
- Established a rolling deployment strategy, leading to zero downtime during application updates and guaranteeing uninterrupted service for users.
- Facilitated daily stand-up meetings, increasing team communication and productivity
- Optimized database queries and data access layers, resulting a improvement in application performance and reduced load times.
- Implemented responsive design principles in frontend development, got improvement in mobile user satisfaction.

Technologies Used: Java, RESTful API, CI/CD, version control tools, multi-factor authentication, rolling deployment, SQL, NoSQL, Apache Kafka, AWS Lambda, Azure Functions, responsive design.

American Express

Phoenix, Arizona, United States

Full Stack Java Developer

Jun '20 - May '22

- Crafted and implemented Java solutions to streamline financial transactions, customer data management, and security protocols, directing to a 25% increase in processing efficiency.
- Applied sophisticated debugging techniques to boost code performance, significantly decreasing response times.
- Successfully integrated five third-party APIs into the company's Java application, following in a 20% increase in overall system functionality.

- Deployed regression testing techniques to maintain application stability during frequent feature updates
- Spearheaded the prototyping of a new mobile application, resulting in a reduction in development costs.
- Enhanced database schemas for SQL and NoSQL databases, including MySQL and MongoDB, through advanced query design and indexing strategies, boosting response times.
- Amplified system responsiveness and user interaction by creating real-time data processing capabilities with Apache Kafka and Spring Boot.
- Utilized cloud platforms like AWS and Azure, incorporating serverless solutions such as AWS Lambda and Azure Functions for improved scalability.
- Collaborated with end-users and stakeholders to collect feedback and grasp their requirements. Utilized user input to drive iterative development, resulting in significant feature improvements that closely matched user needs.
- Implemented automated testing procedures, resulting in reduction in software bugs
- Deployed security patches and updates to all applications within 24 hours of release, ensuring data protection and compliance

Technologies Used: Java, third-party APIs, regression testing, MySQL, MongoDB, Apache Kafka, Spring Boot, AWS, Azure, AWS Lambda, Azure Functions, automated testing.

Education

Queens College | Bachelor of Arts (BA) | **Computer Science & Programming**

Project

Integrating a Dynamic Social Media API to Elevate User Engagement

- At Capital One, I spearheaded the development of a dynamic social media API aimed at personalizing user interactions to enhance engagement. My responsibilities included coordinating with cross-functional teams to design, implement, and integrate the API into existing platforms, utilizing advanced programming techniques and robust testing protocols. This initiative successfully increased user engagement by 30%, improving user satisfaction and interaction rates across our digital services.

Optimizing Financial Data Management Systems at American Express

- In this pivotal project at American Express, my focus was on enhancing the architecture and capabilities of our financial data management systems. By redesigning database schemas and implementing advanced query optimization techniques for both SQL and NoSQL environments, we significantly improved system responsiveness and data processing speeds. The introduction of real-time data processing with Apache Kafka and Spring Boot allowed for immediate data manipulation and analysis, crucial for dynamic financial environments. This initiative not only streamlined operations but also supported scalable, cost-efficient solutions through the integration of serverless architectures like AWS Lambda and Azure Functions, demonstrating a forward-thinking approach to financial technology.

Skills

CSS · Data Structures · Hibernate · Java · Git · Object-Oriented Programming · React · Apache Kafka · Algorithms · Microservices · RESTful · CSS/HTML · JavaScript · MySQL · Agile · Java J2EE · Spring Framework · MongoDB · Angular · Problem-solving · SQL · RESTful APIs · Object-Oriented Design · NoSQL · Node.js · JPA · Cross-functional collaboration · TypeScript · Docker · JUnit