Niraj Aher

Software Engineer

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SUMMARY

Software Engineering Specialist with 6+ years of experience in Java, PL/SQL, and frameworks like Spring Boot and Hibernate. Skilled in developing scalable solutions, optimizing software performance. Proven ability to enhance software quality, reduce incidents, and mentor teams to achieve project goals. Certified in Azure Cloud, SQL, Python, and TensorFlow.

SKILLS

Programming Languages	Core Java, Java 8 / J2EE, SQL, PL/SQL, Python
Frameworks	Spring Boot, Spring, Hibernate
Web Services / APIs	RESTful API, JSON, JWT, OAuth 2.0, Swagger
Database	Oracle, Postgres, RDBMS, relational databases
Cloud	Azure, AWS
Tools	Eclipse, SQL Management Studio, JIRA, TortoiseSVN, SonarQube, Maven, Git
Machine Learning	TensorFlow, PyCharm, Pytorch, NumPy, Keras, Scikit-Learn, artificial intelligence

CERTIFICATES

- TensorFlow Developer Certificate (machine learning)
- DeepLearning.AI TensorFlow Developer Specialization
- Microsoft Certified: Azure Cloud Fundamentals
- SQL Certificate
- Python Certificate

WORK EXPERIENCE

Software Engineering Specialist - Accenture

07/2024 - Present

- Wrote secure and high-quality code using Java, gaining guidance from peers to enhance skills and proficiency.
- Applied object-oriented programming principles, SOLID design principles, and design patterns to ensure clean and maintainable code.
- Designed, developed, and documented RESTful APIs using Spring Boot, Optimized API performance by implementing caching strategies and refining underlying database queries, which reduced average response times by over 20%
- Led code reviews, mentored junior developers, and provided training on software development best practices, resulting in a 15% increase in team productivity.

Consultant - Capgemini Technology Services India

01/2022 - 06/2024

- Accomplished PL/SQL programmer with experience in the development and debugging of packages, procedures, functions, triggers, views, and exception handling in Oracle RDBMS.
- Implemented and integrated REST APIs to enhance software functionality and facilitate seamless communication between components.
- Led agile backend development teams to ensure the timely delivery of 10+ work orders and meet or exceed all project goals.

- Supervised a team of developers and mentored in resolving complex back-end technical issues while monitoring batch performance, resulting in a 20% improvement in issue resolution time.
- Collaborated with cross-functional teams to execute basic software solutions through the design, development, and troubleshooting of technical areas.
- Analyzed and evaluated software performance, predicted and prioritized potential issues, reducing critical incidents by 30%, and recommended solutions that strengthened the overall quality of the software products.
- Optimized batch performance through hands-on experience in performance tuning PL/SQL procedures and functions, leading to a 20% reduction in batch processing time.
- Debugged and resolved slow, time-consuming queries, resulting in a 20-25% increase in performance.
- Documented software specifications (TDD), drafted code, and reviewed code written by other developers to ensure code quality and consistency, resulting in a 50% decrease in errors and a 30% increase in software performance.
- Demonstrated exceptional analytical and problem-solving skills, tackling challenges with a strategic and logical approach.

Business Technology Analyst - Deloitte Consulting, Mumbai

01/2017 - 10/2019

- Applied automation to reduce manual toil in the Software Development Life Cycle, actively contributing to process efficiency.
- Participated in design meetings with peers and stakeholders to ensure effective collaboration and alignment.
- Collaborated with the performance testing team and developed utilities using programming languages such as Java, Python, and SQL to automate tasks and reduce performance testing time by around 20 to 30%.
- Prioritized tasks effectively, managing time and resources to meet 10 or more work order deadlines while ensuring a high standard of work.
- Collaborated in the development and testing of internal REST APIs, writing integration tests with Postman and JUnit to ensure endpoint reliability and data integrity.
- Addressed basic and scalable code quality issues, demonstrating attention to detail and commitment to delivering high-quality software.
- Applied principles of Object-Oriented Concepts & Data Structures to optimize software design and development.
- Successfully fixed 50+ software bugs in multiple applications using Java, JavaScript, and SQL, resulting in a 30% reduction in errors and a 40% improvement in customer satisfaction.
- Utilized SVN version control tools to maintain code repositories.

PERSONAL PROJECT

Project Name: Machine Learning model for Text Emotion Recognition

Technologies / Skills: Python, TensorFlow, Pandas, NumPy, matplotlib, Keras, RNN, Data Structure and Algorithms, artificial intelligence

- The natural language processing (NLP) project utilized deep learning techniques to predict the emotions associated with the analyzed text, resulting in a 95% to 97% accuracy rate.
- Trained the model on a large emotion-rich dataset using recurrent neural networks (RNNs) like LSTM for high accuracy.
- Conducted data preprocessing, including stop word removal, stemming, and tokenization, resulting in a clean text corpus for 95% accurate analysis and predictions.
- **GitHub** : Text Emotion Recognition

EDUCATION

- **Post Graduate Diploma in Advanced Computing** - C-DAC Mumbai
- **Bachelor of Computer Engineering** - Mumbai University