Nitin Surya Imadabathuni

Full Stack Developer

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SUMMARY

Experienced Java Full Stack Developer with a proven track record of designing, developing, and implementing innovative solutions across diverse industries. Proficient in both frontend and backend technologies, adept at leveraging Java frameworks and modern web development tools to deliver scalable and efficient systems. Strong expertise in Agile methodologies and collaboration with cross-functional teams to drive project success.

EXPERIENCE

05/2022 - Present

Software Engineer
Nationwide Insurance

- Participated in the development of a digital claims processing system leveraging Java Spring Boot and React, improving efficiency by automating claim handling processes. Achieved a 30% increase in claims processing speed.
- Implemented AI and machine learning algorithms within the system to optimize claims processing accuracy, resulting in a 25% reduction in manual errors.
- Utilized Microservices architecture to enhance scalability and maintainability of the system, leading to a 40% improvement in system performance during peak claim periods.
- Integrated Spring Security to ensure data privacy and compliance with industry regulations, bolstering customer trust and satisfaction.
- Collaborated with cross-functional teams to design and implement RESTful APIs for seamless integration with external systems, improving overall system interoperability.
- Developed responsive user interfaces using HTML, CSS, and JavaScript frameworks, delivering an intuitive and user-friendly claims processing experience.
- Implemented Kafka for real-time data streaming, enabling instant updates on claim status and enhancing customer communication.
- Employed Docker and Kubernetes for containerization and orchestration, streamlining deployment processes and reducing downtime by 20%.
- Implemented Elasticsearch for efficient search and retrieval of claim-related data, improving search speed by 50%.
- Conducted code reviews and implemented best practices in logging using Log4j, ensuring high code quality and facilitating troubleshooting.
- Leveraged AWS services including EC2, S3, and RDS for scalable and reliable infrastructure, achieving 99.99% uptime.
- Automated build and deployment pipelines using Jenkins and Maven, reducing deployment time by 50%.
- Implemented JUnit and Mockito for unit and integration testing, achieving a test coverage of 85% and reducing bugs in production.
- Implemented Terraform for infrastructure as code, enabling repeatable and consistent deployment across environments.
- Actively participated in Agile ceremonies such as sprint planning and retrospectives, ensuring timely delivery and continuous improvement of the claims processing system.

06/2019 - 07/2021   **Software Development Engineer**
Wipro Infocrossing

- Architected Member360 product utilizing Java Spring framework, ensuring robustness and scalability to handle large volumes of membership data.
- Achieved a 99% first-pass acceptance rate for membership enrollment and management processes, reducing CMS rejections and improving star ratings.
- Implemented correspondence automation using React and Angular, streamlining communication with members and reducing response time by 40%.
- Developed TRR (Third-Party Review) module using Spring MVC, facilitating seamless interaction with external agencies and compliance with regulatory requirements.
- Integrated CMS file reconciliation and premium billing functionalities using Spring Boot, ensuring accurate billing and revenue recognition.
- Implemented OAuth and JWT for secure authentication and authorization, safeguarding sensitive member information.
- Utilized AWS Lambda for serverless computing, reducing infrastructure costs by 30%.
- Developed RESTful APIs for interoperability with external systems, enabling seamless data exchange with partner organizations.
- Implemented MongoDB for efficient storage and retrieval of unstructured member data, improving system performance by 20%.
- Conducted load testing using JMeter to ensure system scalability and performance under peak loads.
- Integrated Splunk for log management and monitoring, enabling proactive identification and resolution of system issues.
- Implemented Redis for caching frequently accessed data, reducing database load and improving system responsiveness.
- Developed automated test scenarios using Cucumber, improving test coverage and reducing manual testing efforts by 50%.
- Collaborated with cross-functional teams to define user stories and acceptance criteria, ensuring alignment with business objectives.
- Actively participated in Agile ceremonies such as daily stand-ups and sprint reviews, fostering collaboration and delivering value incrementally.

05/2018 - 04/2019   **Software Engineer Intern**
MGN Technologies Pvt Ltd

- Designed and implemented a Financial Risk Assessment System using Java Spring and Hibernate frameworks, facilitating comprehensive evaluation of borrower creditworthiness.
- Integrated machine learning models for risk prediction, achieving a prediction accuracy of 90% and improving adaptability to changing market conditions.
- Utilized Angular for building dynamic user interfaces, enhancing user experience and engagement.
- Developed RESTful APIs for data exchange between frontend and backend systems, ensuring seamless integration with external financial data providers.
- Implemented Kafka for real-time data processing, enabling timely risk alerts and decision-making.
- Leveraged Docker and Kubernetes for containerization and orchestration, ensuring scalability and high availability of the risk assessment system.
- Integrated with AWS services such as EC2 and RDS for reliable infrastructure and data storage, achieving 99.99% uptime.
- Implemented JUnit and Mockito for unit testing and test-driven development, ensuring code quality and reliability.
- Utilized Elasticsearch for analyzing market trends and identifying potential risks, enabling proactive risk management strategies.
- Developed dashboard using React for visualizing risk metrics and key performance indicators, aiding in decision-making processes.

- Implemented Spring Security to protect sensitive financial data and ensure compliance with regulatory requirements.
- Conducted performance tuning using JProfiler, optimizing system throughput and response times.
- Automated deployment pipelines using Jenkins and Maven, reducing manual errors and deployment time by 50%.
- Actively participated in Agile ceremonies and contributed to continuous improvement initiatives, ensuring alignment with business goals and objectives.

EDUCATION

2023   **Computer Science**
University Of South Florida
Master Of Science

2019   **Computer Science**
Vignan University
Bachelor Of Science

SKILLS

Git	Apache Kafka
AWS	XML
Redis	JSON
Cassandra	NoSQL
MongoDB	GraphQL
SQL Server	SOAP
Oracle DB	REST API
PostgreSQL	Kubernetes
MySQL	Docker
Mockito	Microservices
Junit	Servlets
Agile	JSP
JPA	Hibernate
Postman	Maven
J2EE	Jenkins
AJAX	SpringBoot
JIRA	Spring MVC
Tortoise SVN	Java
Selenium	Angular
JDBC	ReactJS
jQuery	JavaScript
Python	CSS
SQL	HTML