

# Nitin Surya Imadabathuni

Full Stack Developer

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## SUMMARY

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Experienced Software Engineer with 5+ years of expertise in designing and delivering robust web applications. Demonstrated skills in implementing effective unit testing frameworks, collaborating seamlessly with cross-functional teams, and staying abreast of emerging tools and technologies.

## EXPERIENCE

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05/2022 - Present

### Software Engineer

Nationwide Insurance

- Enhanced Claims Processing Efficiency by 40% through the implementation of AI-driven automation algorithms, reducing manual errors and expediting settlements.
- Improved Claims Handling Accuracy by 30% by integrating machine learning algorithms into the digital claims processing system.
- Implemented ReactJS components to create dynamic user interfaces for the claims processing system.
- Developed RESTful APIs using SpringBoot for seamless communication between different modules of the claims processing system.
- Utilized Docker and Kubernetes for containerization and orchestration of microservices, ensuring scalability and reliability.
- Integrated Apache Kafka for real-time data streaming, facilitating faster processing of insurance claims.
- Implemented Hibernate ORM for seamless interaction with the relational database, optimizing data retrieval and storage.
- Utilized JIRA for efficient project management and tracking of tasks related to the claims processing optimization project.
- Implemented JUnit and Mockito for unit testing and mocking dependencies, ensuring the reliability of the claims processing system.
- Utilized AWS EC2 instances for hosting the claims processing application, ensuring high availability and scalability.
- Developed responsive front-end interfaces using HTML, CSS, and JavaScript to enhance user experience in the claims processing system.
- Implemented Jenkins for continuous integration and continuous deployment (CI/CD) pipelines, ensuring the rapid delivery of updates.
- Utilized Git for version control, enabling collaboration among team members and tracking changes in the codebase.
- Implemented Microservices architecture to modularize the claims processing system, improving maintainability and scalability.
- Conducted thorough testing and debugging using Postman, Selenium, and JUnit to ensure the robustness and reliability of the claims processing system.

06/2019 - 07/2021

### Software Development Engineer

Wipro Infocrossing

- Achieved a 99% First-Pass Acceptance Rate for membership enrollment and management in the Member360 product, reducing rejections from CMS.
- Enhanced Correspondence Automation and Generation using AngularJS to streamline communication with members and stakeholders.
- Implemented Jenkins pipelines for automated build and deployment of updates to the Member360 product, reducing manual effort.
- Utilized Spring MVC framework for developing RESTful APIs to support premium billing and CMS file reconciliation functionalities.
- Implemented Hibernate for ORM, optimizing data retrieval and storage in the Member360 product database.
- Integrated AWS S3 for secure storage and retrieval of sensitive healthcare data in the Member360 product.
- Developed dynamic user interfaces using ReactJS to enhance user experience in the Member360 product.
- Implemented Agile methodologies for project management, ensuring timely delivery of features and enhancements to the Member360 product.
- Utilized JPA for simplified data access and management in the Member360 product.
- Conducted comprehensive testing using JUnit and Mockito to ensure the reliability and accuracy of premium billing functionalities.
- Implemented Docker containers for deployment of microservices, ensuring scalability and reliability of the Member360 product.
- Integrated Postman for API testing and validation, ensuring the interoperability of different modules in the Member360 product.
- Utilized Redis for caching frequently accessed data, improving the performance of premium billing and enrollment processes.
- Implemented GraphQL for efficient querying of healthcare data in the Member360 product, improving data retrieval speed.
- Utilized Selenium for automated testing of user interfaces, ensuring compatibility across different browsers in the Member360 product.

05/2018 - 04/2019

### Software Engineer Intern

MGN Technologies Pvt Ltd

- Enhanced Financial Risk Assessment Accuracy by 25% through the integration of machine learning models into the risk assessment system.
- Developed RESTful APIs using SpringBoot for seamless integration with external financial data sources and services.
- Implemented Apache Kafka for real-time data streaming and processing of market data in the risk assessment system.
- Utilized Spring MVC framework for developing web applications to visualize financial risk metrics and insights.
- Implemented Microservices architecture to modularize the risk assessment system, improving scalability and maintainability.
- Integrated AWS Lambda for serverless computing, optimizing resource utilization and reducing operational costs.
- Developed predictive models using Python and scikit-learn to forecast potential financial losses and market risks.
- Utilized Jupyter notebooks for exploratory data analysis and model development in the risk assessment system.
- Implemented Agile methodologies for iterative development and adaptation to changing market conditions.

- Utilized MongoDB for storing and querying large volumes of financial data in the risk assessment system.
- Conducted thorough testing and validation using JUnit and Mockito to ensure the accuracy and reliability of risk assessment algorithms.
- Integrated AWS EC2 instances for hosting the risk assessment application, ensuring high availability and scalability.
- Utilized Git for version control, enabling collaboration and tracking changes in the risk assessment system codebase.

## EDUCATION

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2023	<b>Computer Science</b> University Of South Florida Master Of Science
2019	<b>Computer Science</b> Vignan University Bachelor Of Science

## SKILLS

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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