NITIN SURYA IMADABATHUNI

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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.

EDUCATION

University of South Florida   **August 2021 - April 2023**
Master's, Computer Science

Vignan University   **June 2015 - May 2019**
Bachelor's, Computer Science

PROFESSIONAL EXPERIENCE

Nationwide   **Remote**
Software Engineer   *May 2022 - Present*

- 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.

Wipro Technologies   **Hyderabad, Telangana, India**
Software Development Engineer   *June 2019 - July 2021*

- 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.

MGN Technologies   **Hyderabad, Telangana, India**
Software Engineer Intern   *May 2018 - April 2019*
- 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.
- 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.
- 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.

PROJECTS

Todo App (React, Redux, and Framer Motion)
- Designed and developed a feature-rich Todo application using cutting-edge technologies, showcasing proficiency in React, Redux, and Framer Motion.
- This project seamlessly combines state management with Redux for optimal data flow and smooth animations using Framer Motion to enhance the user experience.
- Implemented a responsive user interface using React, ensuring a dynamic and efficient single-page application.
- Leveraged Redux for state management, facilitating centralized control and synchronization of application data.

Portfolio (HTML, CSS, JavaScript, Bootstrap)
- My project portfolio website showcases a collection of my web development projects and provides an overview of my skills and expertise.
- The website is built using a combination of HTML, CSS, JavaScript, Bootstrap, and other modern web technologies.

Application Tracker (React.js, Redux, Node.js, Express.js, MongoDB)
- Application Tracker is a comprehensive web application developed using React.js, Redux, Node.js, Express.js, and MongoDB.
- The application effectively tracks and manages job applications, providing users with a centralized platform for organizing their job search process.
- Leveraged React components for modular design, enhancing maintainability and scalability.
- Implemented Redux for centralized state management, ensuring a consistent and predictable application state.
- Developed a resilient server-side architecture with Node.js and Express.js, facilitating seamless communication between the front-end and the NoSQL database.

SKILLS

Frontend Development: JavaScript, TypeScript, React.js, AngularJS, Bootstrap, jQuery, Angular, HTML, CSS, Redux.js, GraphQL
Backend Development: Java, Spring, Spring Boot, Spring MVC, Spring IoC, Spring Security, Spring Cloud, Hibernate, JSP, Servlets, Microservices, API, REST, SOAP, OAuth, JWT, JSON, XML, Kafka, RabbitMQ, ActiveMQ, Confluent
DevOps: Kubernetes
Databases: MySQL, PostgreSQL, Oracle DB, MS SQL, MongoDB, Cassandra, Redis, DynamoDB, Elasticsearch
Cloud Services: GCP, AWS, AWS EC2, AWS ECS, AWS Lambda, AWS S3, AWS RDS, Azure
Tools/Other Skills: Eclipse, Tomcat, JBoss, JAXB, JUnit, Mockito, Cucumber, Agile