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