SURYA TEJA NAMMI

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Software engineer with **5+ years** of experience in full stack development. Specializing in guiding product life-cycles from inception to delivery, optimizing platform performance, and leading global platform upgrade projects. Proficient in Java development, microservices architecture, cloud platforms, and data migration strategies. Strong communicator with a collaborative approach, adept at driving innovative solutions to address market needs.

WORK EXPERIENCE

Full Stack Developer

Optum Global Solutions (United Health Group) - Minnesota   **02/2022 - Present**

Overview: Worked for ICE, an internal healthcare application at UHG, facilitating specialty drug providers to submit Medical Claim files.

- Developed and maintained four **Spring Boot** microservices utilizing **JPA**, **Hibernate**, **REST** managing various stages of claim processing
- Actively participated in **System Design** discussions, focusing on scalability, performance, reliability, and availability enhancements.
- Designed and implemented **PostgreSQL** database schema for efficient claim information storage.
- Implemented **Azure Functions** to trigger logging of database interactions for file processing and orchestrated Azure infrastructure setups.
- Employed **Grafana** for real-time system monitoring, enhancing performance tracking and stability assurance.
- Leveraged **Jenkins**, **GitHub**, **Docker** for deploying and maintaining microservices on **Kubernetes**, ensuring seamless scalability.
- Utilized **test-driven development** with **Mockito** to ensure code quality, achieving **94%** test coverage for robust software performance.
- Ensured **HIPAA** compliance in data handling for healthcare applications, maintaining security and privacy standards.
- Developed a **React** based web-pages for seamless retrieval and access of claim data for both business and client use.

Software Developer

NxtWave - iB Hubs - CCBP Learning Platform - Hyderabad, India   **04/2019 –08/2021**

Overview: Worked on a payment gateway(Razorpay, RuPay, VISA, PayPal) project to ensure smooth and secure transactions.

- Developed Java **Spring Boot** backend, ensuring secure handling of payment data and compliance with PCI DSS and industry standards.
- I implemented **MongoDB** for efficient, scalable db management, ensuring quick retrieval, data integrity, an reliability of transaction data.
- Contributed to **RESTful API** development with **Spring MVC**, facilitating seamless integration with frontend and third-party services.
- Integrated with **banking APIs** for seamless fund transfers and reconciliation, ensuring accurate financial transactions.
- Implemented serverless architecture using **AWS Lambda**, **S3**, and **JavaScript**, managed infrastructure with **CloudFormation**.
- Optimized **Angular** application performance through **lazy loading**, **code splitting**, and **caching strategies.**
- ✧ Gained **MVP (Most Valuable Programmer) Award**

Junior Software Engineer

iB Hubs - CCBP Learning Platform - India   **03/2018 – 04/2019**

Overview: Developed a web-based task management application using **Angular** and **Node.js** for streamlined project coordination.

Certifications: [Web](#) [Application](#) [Development](#)**,** [Core](#) [Personality](#) [Strengths](#)

- Implemented user authentication and authorization features, enhancing application security and user privacy.
- Integrated real-time updates using **WebSocket** technology, improving collaboration and task visibility among team members.
- Developed **multi-threaded** UI for an information system, implementing efficient algorithms for optimal performance and user experience.

SKILLS

Programming Languages: C, C++, Java 1.8/11/17/20, SQL, Python, C#, Typescript, SML, Shell Script, Scala

Scripting Languages: HTML, CSS, Bootstrap, Perl, Ruby, PHP, PowerShel.

Cloud Platforms: Microsoft Azure, AWS, Google Cloud Platform.

Libraries/Frameworks: Spring Boot, Grails, Angular, React, Vue, Hibernate, Django, jQuery, Pandas, Docker

Web/Application Servers: Apache Tomcat, IBM Web Sphere, Web logic and JBOSS.

Build Tools: ANT, Maven, Gradle and Jenkins.

Databases: SQL(PostgresSQL, Oracle DB, MySQL), NoSQL(MongoDB, Cassandra, Redis, DynamoDB)

Testing tools: JUnit, Mockito, Karma, Jasmine, Postman, SoapUI, Selenium

Developer Tools/Others: DBeaver, Lens, SonarQube, Grafana, Swagger, Docker, Figma, Agile, Jira, Notepad++.

EDUCATION

University of Missouri – Kansas City, MO   2021 - 2022

Master of Science in Computer Science [GitHub](#)   Grades : 3.5/4.0

Aditya Engineering College, India   2015 - 2019

Bachelors in Electrical and Computer Engineering   Grades: 3.0/4.0