**SAI NITHIN NARASAPURAM**

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**EDUCATION**

**University of the Cumberland's - Doctor of Philosophy in Information Technology**  *Aug 2019 - Present*

*Relevant Coursework*: Big data, Data Science, Cloud Computing.

**Southern Arkansas University - Master of Science in Computer and Information Sciences**  *Aug 2015 – Aug 2016*

*Relevant Coursework*: Database Management Systems, Advanced Program Concepts, Web Programming, Operating Systems, Computer Networking, Network Security.

**GITAM University - Bachelor of Technology in Information Technology** *Jun 2010 – Apr 2014*

*Relevant Coursework*: Algorithms, Object-Oriented Programming, Data Structures, Data Communications, Database Management, Web technologies, Java Programming, Optimization Techniques, Software Engineering.

**WORK EXPERIENCE**

**Anthem, INC.** *Full Stack Engineer. Feb 2020 - Present*

* Formulated end-to-end solutions for several in-house problems and designed the full-stack architecture.
* Built microservices to vendors in the health sector, replaced legacy tools, and reduced the processing time from 2weeks to 7minutes.
* Implemented migrating monolith application into java microservice architecture using spring boot.
* Developed effective communication between various applications using Kafka messaging services to improve robustness.
* Worked closely with architects in dockerizing the application and deploying it to production environments using bamboo CI/CD pipelines.
* Incorporated elastic search for search optimization and generate SLA tracking notifications to customers.
* Deployed multiple microservices in AWS cloud service.

**SAS Institute.** *Software Application Developer. Aug 2018 – Dec 2019*

* Redesigned and developed client's global salesforce analytics application components from scratch in Angular with Material UI, which migrated from JSF.
* Performed indexes in SQL databases (RDBMS) to optimize web search and reducing redundancy.
* Developed java backend functionalities using RESTful web services to communicate with the front end.
* Led a report-generating java application that enhances the user experience to create reports.
* Collaborated with an agile team to prioritize and scope feature requests.
* Built test coverage for all new features, which reduced the number of customer complaints by 9%.

**Tymon Global.** *Java Developer Jul 2017 – May 2018*

* Implemented a multi-webpage payroll application using Angular and Java that optimized clients time by 50%
* Administered coding standards by following design patterns such as DTO's, Services, and DAO's using object-oriented programming and participated in code reviews for peers.
* Responsible for creating auto-deployment scripts using Maven build tools.
* Identified and eliminated website defects to improve user experience.

**Indu Tech, INC.** *Full Stack Developer (Java) Aug 2016 – Jun 2017*

* Developed UI using Angular for IoT applications and tested the end-to-end functionalities.
* Implemented RESTful web services on the backend using CRUD operation written in Java.
* Generated test cases for the existing components using JEST and Junit enhanced the code coverage to 80%.
* Maintained Oracle DB by writing simple pure functions in SQL and perform DDL on tables.

**TECHNICAL SKILLS**

Language: Java, JavaScript (ES6), HTML5, CSS3, SQL.

Technologies: AG Grid, Angular 8, AWS Simple Storage Service (S3), Bamboo CI/CD, Bootstrap, Docker Kubernetes,

Elasticsearch, Gulp, Hibernate ORM, JPA, jQuery, Kafka, Kibana, MaterialUI, Oracle, PostgreSQL, Springboot, Spring MVC.

Version Control: GIT, SVN.

Build Tools: Apache Maven.

Others: Agile, JIRA.