SHIVATHMIKA BABBURI

# EDUCATION

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## Master of Science, Computer Science *Aug 2022 - May 2024*

*George Mason University GPA:3.83/4.0 Fairfax, VA*

## Bachelor of Technology, Computer Science *Aug 2018 - Jun 2022*

*Sreenidhi Institute of Science and Technology GPA:9.40/10 Hyderabad, India*

# EXPERIENCE

**ProbLogic**

***Software Engineer***

* Engineered scalable, high-performance web applications by integrating Java Spring Boot backend services with dynamic React frontend interfaces, delivering seamless user experiences and robust functionality.
* Spearheaded end-to-end development by designing efficient RESTful APIs, implementing secure JWT authentication, and deploying on AWS, ensuring optimized performance, reliability, and scalability.

**Cognizant**

***Software Engineer*** *Feb 2022 - Jul 2022*

### Claims Management System

* Enhanced comprehensive ETL application to clean, extract, and validate data from diverse input files, ensuring data integrity and facilitating data integration and analysis.
* Architected and implemented sophisticated Claims Management System using React and Django, streamlining claims processing and enabling agent promotions based on customer ratings.

# PROJECTS

***Book Review System*** *Feb 2024 - Mar 2024*

* Development of robust book review platform powered by React and Spring Boot; orchestrated communication through RESTful APIs, delivering comprehensive CRUD capabilities for books, reviews, and user profiles.
* Implemented security measures and optimized user experience, employing Spring Security for authentication and authorization, while leveraging responsive design principles and asynchronous data fetching in React for enhanced scalability and performance.

***Frequent Flyer Program Database Development for an Airline Company***  *Apr 2023 - Jun 2023*

* Improved passenger experience: Streamlined registration, ensured Fly More card delivery within 3 days, and achieved precise mileage tracking for 40 flights using Oracle Database, Java Servlets, and JDBC.
* Drove passenger engagement: Spearheaded seasonal promotions, and introduced employer incentive program, creating 16 relational tables and a user-friendly Android app for passengers to manage points and flight details.

***Grocery Management System*** *Mar 2023 - May 2023*

* Developed MongoDB, Angular and Flask-powered Grocery Management System managing 10000+ JSON records, facilitating seamless customer and order management.
* Enabled comprehensive category-based sales analysis and precise supplier-product tracking, yielding actionable sales insights.

# SKILLS

# Programming Languages*:* C, Java, Python, and JavaScript

**Full Stack***:* React, Spring Boot, Bootstrap, Node.js, Express, Django, HTML, CSS, MySQL, MongoDB, Oracle DB

**Cloud Services***:* AWS, GCP

## CERTIFICATIONS

* Certified AWS Associate Developer
* Certified IBM Full Stack Developer (Coursera Specialization)
* IBM AI Developer (Coursera Specialization)
* Certified in SQL for Data Science