

# Shivathmika Babburi

✉ shivathmikababburi@gmail.com

☎ +1 443 542 1362

in shivathmika-babburi

📷 ShivathmikaBabburi

## Education

**George Mason University**  
*MS in Computer Science*

*GPA: 3.83/4.0*

*Aug 2022 – May 2024*  
*Fairfax, VA*

**Srinidi Inst of Sc & Tech**  
*BTech in Computer Science*

*GPA: 3.76/4.0*

*Aug 2018 – Jun 2022*  
*Hyderabad, India*

## Experience

### Software Engineer

*Remote, US*

*ProbLogic — Java, SpringBoot, React, SQL, JavaScript*

*May 2024 – present*

- Developed scalable and high-performance web applications by integrating a Java Spring Boot backend with dynamic React frontend interfaces, improving user engagement by 25% through seamless experiences.
- Led end-to-end development by designing efficient RESTful APIs, implementing secure JWT authentication, and deploying on AWS, resulting in a 30% reduction in server response time.

### Full Stack Intern

*Remote, US*

*Analytical Data Solutions LLC — React, SpringBoot*

*May 2023 – Oct 2023*

- Designed and implemented an intuitive React-based frontend with real-time task tracking and optimized routing, reducing load times by 75% and boosting user engagement by 40%.
- Optimized backend performance by enhancing MongoDB with advanced indexing and sharding, improving query response times by 35%, and implementing load balancing to support thousands of concurrent users.

### Software Engineer

*Hyderabad, India*

*Cognizant — React, ETL, BigData, Python*

*May 2023 – Oct 2023*

- Developed a 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 a sophisticated Claims Management System using React and SpringBoot, streamlining claims processing and enabling agent promotions based on customer ratings.

## Projects

### Job Management — MERN, Express, MongoDB, JavaScript

[jobify](#) 

- Built Jobify using the MERN stack, VITE for front-end, React Router 6.4+ for navigation, and a secure backend with Express, Node.js, MongoDB Atlas, and RESTful APIs.
- Implemented JWT authentication, password hashing, CRUD operations, and data visualization with charts. Integrated front-end and back-end with concurrently and VITE proxy, and deployed on Render.

### ECommerce — Java, SpringBoot, MySQL, React.

[ecom](#) 

- Developed and deployed a full-stack eCommerce application using Spring Boot, React, and MySQL, integrating JWT authentication, role-based access control, and AI-driven features.
- Deployed on AWS with best practices for scalability, and optimized security, data persistence, and productivity using Spring Security, JPA, and Lombok. Improved user experience with efficient pagination.

## Certifications

**Associate Developer**, Amazon Web Services

*Feb 2024*

**Full Stack Developer**, IBM-Coursera

*Apr 2024*

## Technologies

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

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

**Cloud Services:** AWS, GCP