Arjun Iyer

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TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, TypeScript, HTML,CSS, Terraform
- **Databases:** SQL Server, MongoDB, DynamoDB
- **Cloud Services:** AWS (EC2, S3, Glue, Lambda)
- **Frameworks:** Spring Boot, Angular, React

PROFESSIONAL EXPERIENCE

THE HARTFORD
Associate Software Engineer

June 2023 – Present

- Designed and developed a Spring Boot microservice to calculate the annual average loss for winter storms, utilizing SQL Server for database management, improving the scalability and accessibility of critical data for enhanced decision-making.
- Enhanced application performance by improving the reliability and efficiency of both front-end (Angular) and back-end (Java, Spring Boot) components, ensuring a more responsive user experience.
- Migrated microservices to AWS, leveraging cloud technologies (EC2, Glue, S3), optimizing performance and ensuring scalability for large-scale applications.
- Participated in a full software development lifecycle from design to deployment, using agile methodologies to ensure timely delivery and high-quality code in a fast-paced environment.
- Improved code quality by implementing extensive unit and integration testing with JUnit, Karate, and Selenium, achieving over 90% code coverage and maintaining high performance standards.
- Deployed applications using Jenkins, ensuring continuous integration and delivery, contributing to seamless release cycles and minimizing production downtime.

Software Engineering Intern

May 2022 – June 2023

- Developed and maintained unit tests for APIs, ensuring reliability and performance optimization.
- Created Terraform configurations for provisioning cloud resources, contributing to the scalability and efficiency of infrastructure.
- Assisted in cloud-based API migration to AWS, focusing on efficient data storage (S3) and log management, which improved log retrieval times for faster incident resolution.

SUGAR PLUM SOFTWARE SOLUTIONS
Software Development Intern

May 2021 – August 2021

- Developed a web application using Node.js, React, and MongoDB, incorporating e-commerce and video hosting features, improving user engagement and platform capabilities.
- Designed and implemented APIs using Stripe and Vimeo APIs, focusing on efficient data handling and performance.

EDUCATION

UNIVERSITY OF CONNECTICUT   **Storrs, CT**

Bachelor of Science, Major in Computer Science; Concentration in Software Development and Design   **2020-2023**