

Naresh Venkatachalam

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WORK EXPERIENCE

Warner Bros. Discovery

Bengaluru, KA

Software Engineer 2

May, 2024 - Present

- Developed a generic work order management system enabling seamless onboarding of new workflows within media supply chain with minimal changes, leveraging Uber's **Cadence** for workflow orchestration.
- Reduced API latency** by 40% through efficient data processing, caching, and **SQL** query optimizations.
- Built 2+ **Spring Boot** and **Flask** microservices from scratch which is then integrated with core product.
- Integrated messaging tools and services such as **Amazon SNS, SQS** and **Kafka** to streamline communication between distributed services.
- Migrated an event-driven processes from a microservice architecture to a **AWS Lambda** function, ensuring smooth transitions and minimal disruption to ongoing operations.
- Mentored** and led a team of junior engineers, providing guidance and support in both technical and professional growth, and fostering a collaborative team environment.

Software Engineer 1

Jun, 2022 - May, 2024

- Developed **reusable UI components** with Angular JS and contributed to internal UI components library.
- Implemented RESTful APIs and event driven **microservices** with Spring Boot also ensuring system modularity and resiliency.
- Boosted code quality and reliability by adding comprehensive unit test cases using **Jest** and **Mockito**, achieving **90%** code coverage in multiple microservices.
- Did multiple **PoCs** and played a key role in **reducing manual effort** by creating **process automation** scripts for various time consuming activities and tasks.
- Effectively performed **production** and UAT **releases** and **rollbacks**.
- Collaborated effectively with UX and product management teams to deliver innovative features, enhancing the user interface and overall performance of the application while adhering to **Agile framework** and methodologies

TCS

Chennai, TN

System Engineer

Jun, 2021 - Jun, 2022

- Actively **troubleshooted** and resolved production issues, providing efficient solutions and maintaining system stability.
- Collaborated with technical lead and senior developers to understand requirements and develop effectively.
- Actively participated in pair programming and **peer review** processes adhering to best coding practices.

TECHNICAL SKILLS

- Languages / Frameworks:** Java, Python, Spring Boot, Angular JS
- Database:** PostgreSQL
- Observability:** Splunk, New Relic
- Cloud:** AWS
- Project management:** Jira, Confluence
- Data Science:** Data Preprocessing, EDA

EDUCATION

Bachelor of Engineering

2017 - 2021

Electronics and Instrumentation Engineering
Bannari Amman Institute of Technology, CGPA : 9.12

AWARDS

Received **2x WBD Stellar Awards** for exceptional contribution to development and providing critical support during production issues, ensuring minimal downtime and maintaining system integrity.