

PHANI SAI RAM MUNIPALLI

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EDUCATION

- Master of Science in Software Engineering - San Jose State University (SJSU), CA. *May 2024 (Expected)*
 - Coursework: Cloud Technologies (**AWS**), Enterprise Software Platforms, Virtual Technologies.
- Bachelor of Technology in Computer Science - Jawaharlal Nehru Technological University Kakinada. *May 2017*
 - Coursework: Data Structures and Algorithms, Database Management Systems.

TECHNICAL SKILLS

- Programming: **Java**, JavaScript, Python, **Node** (Node.js), PHP
- Java & JEE: JDBC, JPA, Web Services (REST & SOAP)
- Frameworks: Apache Camel, **Kafka**, MQ, Spring Integration, IOC, MVC, Boot, Hibernate
- Web Technologies: HTML5, CSS3, Bootstrap5, jQuery, NextJS, **React** (ReactJS)
- Databases: **MySQL**, PostgreSQL, **DynamoDB**, MongoDB (NoSQL), MSSQL
- Tools: Maven, Jenkins, Splunk, Swagger, IntelliJ, Git, JMeter, Cucumber, CloudWatch
- Architectures: Event-Driven, **Microservices**, Distributed, Middleware, Onion, Multi-Tier
- Operating Systems: Windows, MacOS, Linux/Unix
- Cloud Computing: **Amazon Web Services** (S3, EC2, CloudFront, Lambda), Azure Blob Storage
- Others: **Google Search Techniques**, Debugging, Problem Analysis, Interpersonal

WORK EXPERIENCE

Chief Coordinator - IT & Web | Indian Student Organization of SJSU *Aug 2022 - Present*

- Establishes a web app with MERN stack to engage 1000+ of Indian Students in collaboration with 60 students.
- **Manages the team of 5 students** to drive distributed development by merging data from 6 different services.

Software Engineer II | Walmart Global Tech, Chennai, Tamil Nadu, India *June 2020 - July 2022*

- Modeled an Enterprise Service Bus (ESB) for eCom orders **carrying 40+ routes between 9 different systems**.
- Launched WFS (Walmart Fulfillment Services) **enabling the 2 day delivery** across the USA.
- Programmed Python scripts **handling more than 2 million records** of inventory adjustments every day.
- Achieved and exceeded target by **processing 7 million files during Thanksgiving** week of 2021.
- Improved product performance, optimized 8 SQL queries by evaluating Query Plans with indexing strategies.
- **Reduced P99 latency by 32%** by re-engineering 8 Purchase Order Management APIs.
- Developed **16+ scalable Microservices** by executing Event Sourcing Patterns, Domain-Driven Design, and Test-Driven Development (TDD) methodologies.
- **Awards:** Bravo Award | 2 Innovation Awards | 2 Speedster Badges.

Software Engineer | IBM, Bengaluru, Karnataka, India *March 2018 - June 2020*

- Implemented transformation of **9 Monolithic applications to the Microservices Ecosystem**.
- Built 20+ REST APIs and enhanced 10 SOAP Web Services with Pub-Sub data models.
- Orchestrated CI/CD pipelines by **boosting 4x times faster deployments** into Google Cloud with Kubernetes.
- Strengthened **code quality and security to 92%** by fixing critical bugs at multiple codebases by SonarQube.
- Created a Knowledge Hub of 10 feasible solutions by leading weekly design discussions.
- Directed system test plans and production deployments **by ensuring 99% success releases**.

PROJECTS

InSearch (insearch) - Oct 2022	AWS QR Saver (grsaver.git) - Oct 2022	ISO-SJSU (isosjsu.com) - Sep 2022
Rx Audit Tracker - May 2022	Global Delivery Management - Jan 2022	Pharmacy ASNs - Oct 2021