PHANI SAI RAM MUNIPALLI

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EDUCATION

SAN JOSE STATE UNIVERSITY   Expected May 2024
Master of Science in Software Engineering
Relevant Coursework: Cloud Technologies (AWS), Enterprise Software Platforms, Virtual Technologies.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA   May 2017
Bachelor of Technology in Computer Science & Engineering
Relevant Coursework: Data Structures and Algorithms, Database Management Systems.

WORK EXPERIENCE

WALMART GLOBAL TECH   Chennai, India
Software Engineer II (Full-Time)   Jun 2020 – Jul 2022
- Modeled an Enterprise Service Bus (ESB) for eCommerce orders, carrying 40+ routes between 9 different internal systems.
- Launched Walmart Fulfillment Services (WFS), enabling 2 day delivery for 60% of nationwide customer orders in the USA.
- Discovered a product opportunity and programmed 5 reusable Python scripts, processing more than 2 million files of inventory.
- Reduced p99 latency by 32% with re-engineering of 8 Purchase Order Management APIs at Supply Chain Distribution Centers.
- Developed 16+ scalable Microservices by executing Event Sourcing Patterns and Test-Driven Development methodologies.
- Awards: Bravo Award | 2 Innovation Awards | 2 Speedster Badges.

IBM   Bangalore, India
Software Engineer I (Full-Time)   Mar 2018 – Jun 2020
- Implemented transformation of 2 Legacy applications into 9 Microservices, increased product satisfaction by 27% among users.
- Built CI/CD pipelines by automating deployments 4x times faster into Google Cloud using Jenkins and Kubernetes.
- Analyzed 10 Query Execution Plans by fine-tuning indexing strategies and minimized service response time from 350ms to 20ms.
- Collaborated with cross-functional product management teams to build a Knowledge Hub of 11 documentation playbooks.
- Improved code quality by fixing 5 critical bugs in 3 core codebases integrating SonarQube, achieved the security metric of 92%.
- Designed 6 presentations and showcased the team's achievements in quarterly meetings to explain the product's roadmap.

STUDENT LEADERSHIP

INDIAN STUDENT ORGANIZATION (San Jose State University)   Aug 2022 – Present
Chief Coordinator - Information Technology & Web (Volunteer)
- Innovates a web product using MERN stack to engage 1000+ Indian Students in collaboration with 50 committee members.
- Directs the team of 8 students to drive distributed development by merging data from 6 different services on-campus.

SKILLS

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

PROJECTS

- Subspire (GitHub): Subscriptions Management Dashboard | Cognito, CodeStar, CodePipeline, Elastic BeanStalk   Nov 2022
- InSearch (GitHub): Facilitate Search | Serverless Framework, AWS Lambda, S3, Rekognition   Oct 2022
- QR Saver (GitHub): QR Code Files Saver | Embedded JavaScript, Bootstrap, Express, AWS Dynamo DB   Oct 2022
- ISO-SJSU (isosjsu.com): Campus Updates | React.js, Next.js, Node.js, MongoDB, UX/UI Design   Sep 2022
- Rx Audit Tracker: ASN Analytics Dashboard | Chart.js, React, Azure File Share, SFTP, Shell Scripting   May 2022