

# PHANI SAI RAM MUNIPALLI

## Software Development Engineer

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### CAREER SNAPSHOT

- An accomplished professional with **4 years of work experience** in the software industry including application development & enhancement, service delivery, primarily in areas of Java 8, J2EE, Web Applications Development, **Microservices**, Cloud Computing & Distributed Systems, Test Driven Development (**TDD**) and Code Security analysis.
- Demonstrated working experience on **DevOps methodology** and **Spring** (Integration, IOC, MVC and Boot), **Apache Camel** and **Hibernate** frameworks along with working on Docker images and Kubernetes.
- Expertise in implementing **Domain Driven Design** including Event Sourcing and **Enterprise Integration Patterns**.
- Profound working experience in analyzing and improving Query Execution Plans with different **indexing strategies** and **building performance rich APIs**.
- Working experience on Maven, Jenkins, GIT, Bitbucket, Splunk & Kafka.
- Comprehensive experience in transforming a legacy monolithic application to a Microservice based application; strong acumen in **developing** and **hosting Microservices on Cloud platforms**.

### TECHNICAL SKILLS

- Programming: Java 8, React, NodeJS, Python, NLP, Angular, PHP
- Java & JEE Technologies: JDBC, JPA, Web Services (REST & SOAP), Swagger, Lombok
- Frameworks: Apache Camel, Spring Integration, IOC, MVC, Boot, Hibernate, Kafka
- Web Technologies: HTML5, CSS, Bootstrap, JavaScript, jQuery
- Storage: MySQL, MongoDB (NoSQL), Azure SQL and Azure Blob & File Storage
- Tools: Maven, Jenkins, Splunk, Eclipse, IntelliJ, Git, JMeter, Cucumber

### SCHOLASTICS

- Bachelor of Technology in Computer Science & Engineering (74.42%)
  - Jawaharlal Nehru Technological University Kakinada (JNTUK), Andhra Pradesh, India 2017
- Intermediate Board Of Education (Maths.Physics.Chemistry) (93.2%)
  - Narayana Junior College, Vijayawada, Andhra Pradesh, India, 2013
- Secondary School Certificate from Rushi Vidya Sadan, Andhra Pradesh, India, 2011 (88%)

### ACHIEVEMENTS

- Bravo Award | May 2021 | Walmart Global Tech India
  - For developing the Walmart Fulfillment Services (WFS) and **enabling the 2-Day Delivery** across the Nationwide of USA by **saving \$60B**
  - <https://drive.google.com/file/d/1WVDC1nckTcWP0R2D2dOrP-8pQ4ADbPxA>
- Innovation Award | June 2021 | Walmart Global Tech India
  - For creating Python scripts to **handle 2 million records in seconds** instead of the traditional way.
  - <https://drive.google.com/file/d/1ykFoZi0zTvLxWRA8wUXH2mf19esJdiZe>
- Achieved College Representative Recognition from **Entrepreneurship Cell of IIT Bombay** | 2016-17
- Achieved “Brighter Blue” Completion Recognition | July 2018 | IBM India Pvt Ltd.
- Won the 24-hour Code-A-Thon in “Internet of Things” | December 2016 | Miracle Software Systems, Inc

## CAREER TRAJECTORY

**Walmart Global Tech India**, Chennai, Tamil Nadu, India | Software Engineer 2 | June 2020 - Present

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### Key Deliverables:

- Developing high scalable RESTful APIs in Microservices Architecture by **using Enterprise Integration Patterns (EIP), Event Sourcing Patterns, Domain-Driven Design**, and Test-Driven Development (TDD).
- Integrating with multiple upstream and downstream systems through Apache Kafka, SFTP, Active MQ and a Pub-Sub Environment to ensure seamless flow of real time data feeds of inventory between systems.
- **Implemented an Enterprise Service Bus (ESB)** for eCommerce orders by leveraging Walmart's 1P capabilities with 3P sellers by developing WFS (Walmart Fulfillment Services) with numerous routes **enabling the two-day delivery across the USA**.
- Created Python scripts that handles more than two million records of inventory adjustments every day and with a continuous analysis, improved product performance by optimizing SQL queries and code logic which **reduced response time by 45%**.

**IBM India Pvt Ltd**, Bangalore, Karnataka, India | Application Developer | March 2018 - June 2020

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### Key Deliverables:

- Handling the development of Microservices and generating JAVA code and artifacts for implementing logic as per requirement to communicate with associated partner applications interfacing with the different speculations.
- **Implement REST APIs and SOAP Webservices** along with **Pub-Sub model data exchange** medium as per the requirement and creating WSDL file and schema as per business requirements.
- **Perform deployments** and monitor applications **using CI/CD pipeline** along with generating Docker images and maintenance of Kubernetes clusters.
- Contribute to the design discussions with System Designer and **provide technical solutions** to the use cases.
- Participate in development of the system test plan and support production deployments by identifying the issues, debugging and creating hot fixes to enable a seamless experience for users.

**Pinapaka IT**, Hyderabad, Telangana, India | Software Development Intern | May 2017 - March 2018

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### Key Deliverables:

- Building a middleware component between a **payment gateway** and the OLRB system using Enterprise Java.
- Create possible scenarios and write unit tests to cover all scenarios using Junit and Mock frameworks, also **maintaining the code coverage more than 80%**.
- Document the high-level specifications according to the business requirements using git and collaboration tools and explore the feasible designs.
- Support Production releases and create hot fixes to allow flawless experience for the end users.

**Miracle Software Systems**, Vishakhapatnam, Andhra Pradesh, India | IoT Engineering Intern | Jan 2017 - March 2017

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### Key Deliverables:

- Lead a team of 4 people to **win the 24 hours live hackathon** and get an opportunity of internship on Internet of Things concept to develop a next generation ticketing system.
- Developed an **RFID Enabled Ticket System** for the employees at Miracle to make their bus journey seamless by tracking the path and available seats from their mobile app.
- Used technologies: IBM Cloud, Node-RED, Arduino, Raspberry Pi, NoSQL, and Web Tech (HTML, CSS & Bootstrap)