PHANI SAI RAM MUNIPALLI

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EDUCATION

SAN JOSE STATE UNIVERSITY (SJSU)   San Jose, CA
Master of Science in Software Engineering (GPA: 3.75, Specialization in Cloud Computing)   Expected May 2024
Relevant Coursework: Cloud Technologies (AWS, Azure, GCP), Enterprise Software Platforms, Machine Learning.
Extracurricular: CTO of Indian Students Org, SJSU 2023 Leadership Award, **Founder & Host** of "The Hustle Chapters" podcast.

PROJECTS and SKILLS

- LinkPlus: Developed to boost LinkedIn profiles with creative headlines using Open AI's GPT-4 API, React.js and Typescript.
- Subspire - Built a Subscriptions Management platform with 3 developers, led end-to-end product lifecycle management.
- InSearch - Created a serverless app to search Amazon items using an image (Serverless Framework, AWS Rekognition, Lambda).
- QR Saver - Created a QR Codes storage in cloud for easy access (AWS DynamoDB, Multi AZ, Auto Scaling & Load Balancer).
- Skills & Tools: Medallia, Tableau, Confluence, JIRA, Figma, InVision, Microsoft 365, Google Analytics, Adobe Creative Cloud.

WORK EXPERIENCE

PRODUCT MANAGER (WALMART U.S)   Sunnyvale, CA
Address Management, Last Mile Delivery Product (Internship)   May 2023 – August 2023 (3 months)

- Established a transformative product vision for "Smart Access to Apartments" that **drove a 13% reduction in missing orders** and **1.35 point increase in customer NPS** by enhancing the final 100 feet of delivery experience.
- Architected and **led 2 strategic cross-functional initiatives** by identifying and addressing On-Demand delivery pain points, **leading to $$M+ in annual savings and a 29% reduction in delivery costs.**
- Pioneered 3 innovative solutions with a comprehensive competitive analysis to reduce the Lost After Delivery KPI for multi-unit dwellings, elevating customer experience and **improving driver satisfaction by 23%**.
- Spearheaded **development of new "Address Accuracy" KPI** as a primary success metric by performing data analysis and leading analytics to build a Tableau dashboard that fueled leadership's data-driven insights.

SOFTWARE ENGINEER II (WALMART GLOBAL TECH)   Chennai, India
Fulfillment Product, U.S Omni Tech (Full Time)   June 2020 – July 2022 (2 years)

- Led a team of 4 engineers to build 16 REST APIs for 'Rx Pharmacy' product development, **reducing SDK build costs by 34%**.
- Launched Walmart Fulfillment Services (WFS), **achieved 2 day delivery for 60%** of nationwide orders in the USA with cross functional collaboration of 4 teams (engineering, design, data analytics and business stakeholders).
- Championed **Agile methodologies** like Scrum and evangelized product management, forecasts, metrics, velocity, and cycle time, **reducing time-to-market by 57% in 4 months** of implementation.
- Developed and implemented an Express Data Migration system using Python & MySQL, **boosting processing capacity by 6x** and enabling seamless transfer of 2M+ orders per day from on-premise servers to Azure Cloud.

SOFTWARE DEVELOPMENT ENGINEER (IBM)   Bangalore, India
AT&T Revenue Generation Cloud SaaS Product (Full Time)   March 2018 – June 2020 (2 years, 3 months)

- Led the transformation of a monolithic design into **Java Microservices** architecture, enhancing self-service features on the Web UI and Mobile with in-app guidance, leading to a **76% increase in user engagement within 11 months**.
- **Cut memory usage by ~35%** on an internal developer platform, through improved coding practices and algorithm optimization, increasing the ability to run 14 intensive applications simultaneously with <1% lag.
- Optimized 7 CI/CD pipelines for automating deployments into Google Cloud, **expedited by 5x** using Jenkins and Kubernetes.
- **Analyzed 4 SQL Queries Execution Plans** for optimizing data search service, **minimized response time from 350ms to 20ms.**
- Improved code quality by **fixing 5 critical bugs** in 3 core codebases integrating SonarQube, **produced 92% security metric.**

LEADERSHIP EXPERIENCE

CHIEF TECHNOLOGY OFFICER (Indian Students Organization, SJSU)   August 2022 – July 2023
Catalyzed technology-driven initiatives, amplifying engagement among 1000+ Indian Students On-Campus.

TECHCRUNCH VOLUNTEER (TechCrunch Disrupt)   October 2022
Headed attendee check-in for over 2000 participants, streamlining event entry with 600+ Badge Checks at the Round Table Lounge.

AWARDS and CERTIFICATIONS

Bravo Award, 2 Innovation Awards, 2 Speedster Badges | AWS Cloud Quest: Cloud Practitioner.