

Contact

9052436874 (Mobile)
pkkolla24@gmail.com

www.linkedin.com/in/phanikumarkolla (LinkedIn)

Top Skills

Amazon Web Services (AWS)
Generative AI
Python

Languages

Telugu (Native or Bilingual)
English (Professional Working)
Hindi (Limited Working)

Certifications

MongoDB Schema Design Patterns and Antipatterns Skill Badge
AWS Certified Solutions Architect – Associate
Architecting Solutions on AWS
Microsoft Certified: Azure AI Fundamentals
From Relational Model (SQL) to MongoDB's Document Model

PHANI KUMAR KOLLA

Solutions Architect | Distributed Systems | GenAI Implementation | Scalable & Secure System Design | Cloud Migration Expert | Python & Java Expert
Hyderabad, Telangana, India

Summary

Solutions architect with 13+ years of experience in

1. -
- 2.
- 3.
- 4.

I architect solutions that prioritize four critical pillars:

- : Designing systems that efficiently handle growing workloads and user bases while maintaining performance
- : Implementing fault-tolerant architectures with redundancy and failover mechanisms to ensure 99.9%+ uptime
- : Balancing performance requirements with efficient resource utilization to maximize ROI
- : Embedding security principles throughout the development lifecycle with defense-in-depth strategies

Currently expanding my expertise through hands-on work with

-
-
-

Technical proficiencies include

1. Python
2. Java
3. Spring Boot
4. PySpark
5. LangChain

6. boto3
7. Streamlit
8. AI/ML integration

My approach combines deep technical knowledge with business acumen to deliver solutions that drive organizational value.

Open to discussing Solutions Architect, Principal Engineer, and Staff Engineer opportunities at innovative technology companies.

Experience

Wells Fargo

12 years 1 month

Vice President

February 2022 - Present (3 years 11 months)

Hyderabad, Telangana, India

A challenging role with significant contributions.

- o Built new micro services / decomposing monolith applications into microservices.
- o Cracked Google Cloud Professional Architecture Certification and Professional Machine Learning Engineer is in Process
- o Handling 4 teams in terms of technical guidance and leadership
- o Collaborate closely with product teams across multiple businesses and participate in product road map discussions.
- o Drive innovation culture around latest technologies and incorporate innovation in development processes
- o Training team members on Cloud services
- o Migration of applications from AXIS 1.X to Spring Web Services & APIGEE Marketplace
- o Driving the Server migration from WebSphere to Tomcat which involves the Stress/Load Testing
- o Implementation of EPL pipeline which involves Jenkins & uDeploy for the Continuous Integration and Continuous Delivery

Assistant Vice President

September 2020 - February 2022 (1 year 6 months)

Hyderabad, Telangana, India

Significant Key Contributions:

- o Successfully delivered the rewritten application to production in phase wise rollout manner.
- o Few challenges were seen in terms of issues during the Pilot
- o Improved the screen rendering post login with high performance and responsiveness to the end users
- o Line Of Business was very happy with the delivered product with high performance
- o Implemented a Chat bot for the LOB user which is available 24*7
- o Implemented a Machine Learning Model to provide the credit recommendation for the customer based on the customer credit history
- o API development and code review to optimize for better efficiency in terms of time complexity

Senior Technology Specialist

June 2017 - September 2020 (3 years 4 months)

Hyderabad, Telangana, India

Summary of significant contributions :-

Technology Lead for DAT application

- o Lead a team of 8 with 6 senior analysts.
- o Lead the engineering team in planning for and delivering all product release efforts including major releases, minor releases, and patches
- o Analyzing the effort required for the development task
- o High level designing and low level designing for the rewrite of the application
- o Application rewrite from Java Applets to Spring Boot.
- o Created monitoring dashboards from SPLUNK and APPD data.
- o Worked as a Business Resiliency Coordinator for the application which helps in disaster recovery.

Technology Specialist

September 2015 - May 2017 (1 year 9 months)

Hyderabad Area, India

Promoted to Technology Specialist by handling two applications in our portfolio which involves Product development and production support.

Key Contributions:

- 3 new batch jobs development and successful deployment to Production
- Migration of Ant build to gradle build for both the applications
- Application scan through Fortify tool and fixing the vulnerabilities identified through scans

Senior Analyst

December 2013 - August 2015 (1 year 9 months)

Hyderabad Area, India

Joined as a Senior Analyst for Customer Deposits & Operations Technology line of business.

Involved in development of batch jobs and services for the Standalone batch environment.

Worked on enhancements on the web application which was developed on Java Applets, JSP and EJB's.

Production support activities which involves monitoring the application and debugging the issues in production.

E2open

Software Engineer

October 2011 - November 2013 (2 years 2 months)

- Interact with Client, Coding for Controller, business logic, parsing XML Data, generating PDF, CSV and Excel, java mail service.
- UML design and Unit Test cases, Designing Web Pages, Request Processor, Validations, Code Integrations using Win-CVS
- Preparing Technical Design Documents as per release.

Education

Birla Institute of Technology and Science, Pilani

Post Graduate Programme, Artificial Intelligence and Machine Learning · (April 2022 - April 2023)

Jawaharlal Nehru Technological University

B.Tech, Computer Science and Engineering · (2007 - 2011)

Gowtham Junior College

Board Of Intermediate, M P C · (2005 - 2007)

Srinivasa Public School

Secondary School Certification, SSC · (1995 - 2005)