VENKATA CHENNA REDDY

Federated Architect / Solution Architect

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My Website

ABOUT ME

Dynamic and innovative technology professional with extensive experience serving as a Federated Architect, Solution Architect, Full Stack Developer, and DevOps Engineer.

Specialized in designing, developing, and deploying scalable cloud-based solutions using AWS, Azure, and modern development practices. Proven expertise in automating CI/CD pipelines, orchestrating complex workflows, and optimizing compute resources for high-performance computing tasks. Recognized for driving digital transformation initiatives, leading cross-functional teams, and aligning technology solutions with business strategies to achieve operational excellence and growth.

WHAT I DO

- **Architectural Design and Strategy**
  Crafting and implementing scalable, robust architectures that align IT infrastructure with business objectives. I excel in federated and solution architecture, ensuring that technology solutions meet complex business needs while promoting agility and innovation.

- **Cloud Solutions Engineering**
  Leveraging cloud platforms such as AWS and Azure to design and deploy secure, scalable cloud infrastructure. My expertise includes cloud-native application development, cloud

EXPERIENCE

LINCOLN FINANCIALS [Sep 2021 – Current]

Federated Architect / Solution Architect / Lead Full Stack Developer / DevOps Engineer

Currently spearheading the architecture, development, and deployment of scalable cloud-based solutions, significantly enhancing system scalability and reliability.

Pioneered a reusable framework/pattern for application development, markedly boosting development efficiency.

Innovated an on-demand compute platform utilizing AWS services for optimized processing of long-running tasks, dramatically improving resource utilization.

Streamlined development processes with automated CI/CD pipelines using GitLab, facilitating rapid and reliable software deployments.

VENERABLE [2018 – 2021]

Sr Solutions Consultant / Lead Full Stack Developer / DevOps Engineer

Provided expert consultation on solutions architecture, focusing on cloud integration, software development practices, and strategic IT planning.

Drove the successful implementation of complex IT solutions, ensuring alignment with client objectives and industry standards.

COGNIZANT [2011 – 2018]

Architect / Technical Lead / Full Stack Developer

Led architecture and full-stack development projects, delivering innovative solutions that met critical business needs.

Mentored development teams, fostering a culture of continuous improvement and knowledge sharing.

migration strategies, and infrastructure as code (IaC) using AWS CDK.

- **Full Stack Development**
  Developing dynamic, responsive web applications from ground up using modern technologies like React.js, Vite, and Python Flask/FastAPI. I specialize in creating intuitive user experiences on the front end, paired with efficient, scalable back-end services.

- **CI/CD and DevOps Practices**
  Automating and optimizing CI/CD pipelines with GitLab to ensure rapid, reliable software deployments. I advocate for DevOps best practices to streamline development processes, enhance collaboration, and improve product quality.

- **Database Management and Migration**
  Managing data effectively with Aurora MySQL and implementing version control for databases using Liquibase. I ensure data integrity, security, and seamless migrations in complex environments.

- **Innovative Solutions for Complex Challenges**
  Developing on-demand compute solutions for processing long-running CPU and IO-bound tasks, utilizing AWS services like Lambda, Step Functions, and Batch. My approach optimizes resource utilization and processing efficiency.

EDUCATION

- **2021**
  Azure Cloud
  Developed proficiency in Azure administration, gaining practical knowledge in managing cloud services that include storage, security, networking, and compute capabilities. This expertise encompasses understanding Azure's infrastructure and implementing solutions to optimize cloud operations.

- **2018**
  AWS Cloud
  Earned credentials demonstrating my proficiency in designing, deploying, and managing applications on Amazon Web

COGNIZANT [2005 – 2011]

Sr. Developer / Technical Lead

Advanced to a senior developer role, taking on increased responsibilities including complex project development and team leadership.

Played a key role in software design and implementation, contributing to the development of high-quality, scalable applications.

AZTECH [2000 – 2005]

Full Stack Developer

Began my career in technology as a developer, focusing on creating robust software solutions.

Gained foundational skills in software development, working with various programming languages and development frameworks.

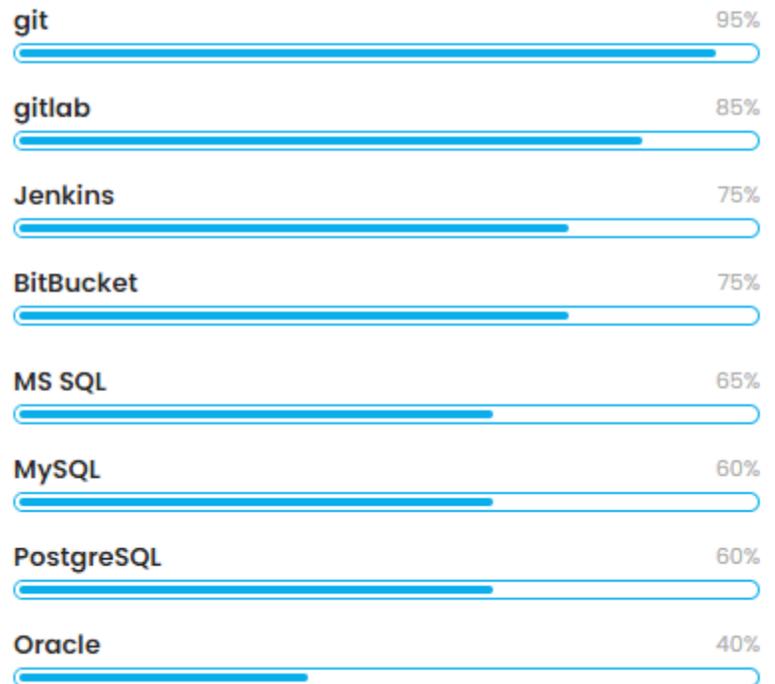| Skill	Level
AWS	95%
AZURE	65%
Web Design	95%
HTML5/CSS3/JavaScript/jQuery	95%
React	90%
Angular	70%
C#	95%
Python	85%
TypeScript	75%
php	75%

Services, focusing on best practices and architectural principles.

- 2017
  DevOps
  Achieved knowledges in DevOps practices, covering automation, continuous integration (CI), continuous delivery (CD), and infrastructure as code (IaC). This certification underscored my commitment to fostering collaboration between development and operations teams to improve agility, efficiency, and product quality.

- 2007
  Grid Computing Specialization
  Focused on distributed computing and parallel processing technologies, enhancing my ability to design and implement scalable, high-performance computing solutions.

- 2003
  .Net
  Acquired expertise in .NET Framework, developing robust web and desktop applications using C# and ASP.NET.

- 2000
  JAVA
  Completed a comprehensive program in Java programming, emphasizing object-oriented programming, data structures, and application development.

- 1999
  Bachelor of Engineering (Mechanical)
  Gained a strong foundation in engineering principles, with a focus on mechanical systems, design, and analysis.

git — 95%

gitlab — 85%

Jenkins — 75%

BitBucket — 75%

MS SQL — 65%

MySQL — 60%

PostgreSQL — 60%

Oracle — 40%

CERTIFICATES

- 21 Jan 2023-21 Jan 2026
  AWS SERTIFIED SOLUTION ARCHITECT PROFFESTIONAL