

JAHNAVI ALAKUNTA

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SUMMARY

As a skilled AWS Professional, I bring expertise in designing and implementing scalable cloud solutions. With a strong background in cloud architecture, I excel in optimizing infrastructure, ensuring reliability and enhancing overall system performance. I am eager to contribute my technical acumen to elevate your team's capabilities and drive success in cloud projects.

I secure permanent residence (LPR) which provides me with the legal authorization to work in the United States hence I do not require the visa sponsorship now or in the future by the company.

EDUCATION

Bachelors of Technology in Computer Science Engineering

Bangalore, Karnataka

Presidency University

Cum CGPA: 3.0

2019-2023

WORK EXPERIENCE

Web Development INTERN | TCS

March 2023-June 2023

- Applied proficiency in developing and implementing "Innovative Cuisine Customization," a mobile-friendly web application serving as an advanced online food ordering system. encompassing frontend (HTML, CSS, JavaScript) and backend (Python Django) coupled with SQL database. This platform allows users to effortlessly customize based on their preferences. The system presents a streamlined, comprehensive solution for overseeing all facets of culinary operations.

INDEPENDENT PROJECTS

- Portfolio website on AWS**

Developed a responsive and visually appealing user interface to showcase skills, projects, and achievements using VS code and deployed on AWS.

Ensured a seamless user experience through cross-browser compatibility and mobile responsiveness.

Utilized AWS services, including Amazon S3 for hosting static content and managed source code using Git for version control.

Implemented CI/CD pipelines with AWS Amplify, automating the build and deployment processes for efficient and reliable updates to the portfolio.

- End to end web application using AWS**

Built an end-to-end web application leveraging AWS services (S3 for code, Amplify for hosting/deployment, API Gateway for API management, Lambda for serverless functions, IAM for access control, Cognito for user authentication, DynamoDB for NoSQL storage, CodeCommit for source control).

- Resilient VPC Infrastructure**

Designed and implemented a robust and highly available VPC infrastructure on AWS, following industry best practices and AWS recommendations for deploying applications in EC2 instances. Ensured the security and resilience of critical applications within the VPC, meeting the stringent requirements of real-time production environments.

- Single Page APP**

Engaged in a hands-on AWS Cloud Quest Solutions Architect course, where practical skills were honed through real-world projects, troubleshooted, fixed, and deployed a Single Page Application centered around an Automatic trash recycling system. Demonstrated proficiency in architecting and deploying scalable solutions using key AWS services such as S3, Lambda, CloudWatch, and DynamoDB. Acquired practical experience in cloud-based application development within a formal learning environment.

RELEVANT SKILLS

Programming : Python, Java, SQL, Django

Developer Tools and IDE: VS Code, Android Studio

SDLC Methodologies: Agile, Scrum

Databases: MYSQL, DynamoDB

AWS Cloud: AWS S3, EC2, Lambda, Amplify, API Gateway, Code Pipeline, Code deploy, CloudShell, VPC, Cloud9, IAM, Cognito, ASG, CloudWatch, Route 53, AWS Config, Microservices

Infrastructure as Code(IaC): CloudFormation, Terraform

Scripting Skills: Python, Bash, Shell

Container Orchestration tools: Docker, Kubernetes

Operating System: Windows Linux

CERTIFICATIONS and ACCOMPLISHMENTS

Verify my certifications on [Credly](#)

- ★ AWS Certified Cloud Practitioner (CLF-CO2)
- ★ AWS CloudQuest Cloud Practitioner
- ★ AWS Educate Cloud Computing 101
- ★ AWS Educate Networking
- ★ AWS Educate Storage
- ★ AWS CloudQuest Solutions Architect
- ★ AWS CloudQuest Security
- ★ HackerRank Python
- ★ HackerRank SQL(Intermediate)
- ★ HackerRank JavaScript
- ★ CII Smart Manager Programme

TRAINING AND TASK COMPLETIONS

- Virtual Internship- Job simulations on FORAGE
- AWS Developer Associate Training Completion
- PYTHON Advanced
- AWS CloudQuest Roles

EXTRA-CURRICULARS

- Actively participated in AWS Global Summit, enhancing knowledge and fostering valuable connections within the cloud computing industry.
- Authored insightful articles on specific tech topics and demonstrated a keen ability to distill complex concepts, contributing to the platform's thought leadership and fostering a community of engaged readers.
- In a Student Publication team, provided guidance to the university magazine, directing writers to produce publications, overseeing content creation and showcasing organizational and communication skills.