

Navya Katamsetti

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EDUCATION

KL University

Bachelor of Technology in Computer Science, Honors

Vijayawada, IN

July 2022 – Present

Narayana Jr College

+2 In MPC

Kakinada, IN

Jan 2020 – May 2022

CERTIFICATIONS

Oracle Cloud Infrastructure (OCI) 2023 Certified Foundations Associate

Sep. 2024

Oracle

- Demonstrated foundational knowledge of Oracle Cloud Infrastructure (OCI) services, including compute, storage, and networking solutions.
- Gained understanding of OCI architecture and cloud computing principles to support cloud adoption strategies in various business environments.

Oracle Cloud Infrastructure 2024 Generative AI Certified Professional

Aug. 2024

Oracle

- Demonstrated proficiency in developing, tracing, and deploying Generative AI applications using Oracle Cloud Infrastructure (OCI) services and Large Language Models (LLMs).
- Gained expertise in key AI techniques such as Retrieval-Augmented Generation, Semantic Search, and Vector databases, leveraging advanced AI frameworks like LangChain.
- Applied knowledge of machine learning, deep learning, and Python to build and evaluate AI-driven solutions using OCI Generative AI services.

PROJECTS

APSFC Finance Management System | *Java, JSP, Servlet, JBoss*

- Developed a financial management system modeled after APSFC using JSP and Servlets, resulting in a 25% reduction in system downtime by enhancing dynamic web content and business logic.
- Designed and managed a MySQL database handling 10,000+ financial transactions daily with 99% uptime, ensuring data integrity and optimized performance.
- Deployed the application on Red Hat JBoss Server, achieving a 40% increase in transaction throughput and ensuring a 99.9% uptime.

Learning Management System | *Node js, MongoDB, Express, ReactJs, Github*

- Developed a full-stack Learning Management System (LMS) using MongoDB, Express, React, and Node.js, which streamlined academic processes and improved user engagement by 35%, page load times by 50%.
- Implemented RESTful APIs, reducing data retrieval time by 30% and managing 5,000+ course materials and assignments across the platform.

EXPERIENCE

AWS Cloud Virtual Internship

May. 2023 - July 2023

AICTE-Eduskills

- Acquired foundational knowledge of AWS core services (EC2, S3, Lambda) to design and deploy scalable cloud solutions
- Applied best practices for cloud security and cost management, including AWS Identity and Access Management (IAM) and Billing Dashboard
- Designed a serverless architecture using AWS Lambda and API Gateway for real-time data processing and analytics

TECHNICAL SKILLS

Skills: Problem Solving, Aptitude, Data Structures And Algorithms, Team-Worker, Software Design

Languages: Java, C/C++, SQL (Postgres), JavaScript, HTML/CSS, DSA, RHEL Linux

Frameworks: React, Node js, Spring, Spring Boot, Hibernate, REST Api, JAX

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, PyCharm, IntelliJ IDEA, Eclipse, Amazon Web Services, PowerBI