POLINENI HEMANTH

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Education

KL University	Present
Bachelor of Science in Computer Science and Engineer (GPA: 9.28 / 10.00)	
BIIT	2021
MPC (Marks: 934 / 1000)	
Bhashyam High School	2019
SSC (GPA: 9.80 / 10.00)	

Technical Skills

Languages: Java, C, Python.

Frontend Development: HTML, CSS.

Backend Framework: Spring Boot, Django

Database: MySQL, Postgres SQL, MongoDB

Cloud Computing: AWS

Full Stack Development: Java Full Stack, Python Full Stack

API Testing: Postman

Projects

Online Bidding System */Java Full Stack Development*
- Designed and developed an online bidding system using Spring Boot, MySQL, Tailwind CSS, and HTML, resulting in a user-friendly platform that improved bidding efficiency and user engagement.
- Created a user-friendly interface utilizing HTML5, CSS3, and JavaScript to enhance the customer experience.
- Administered the backend using Java technologies including Spring Boot and Spring MVC to construct RESTful APIs.
- Identified and resolved performance bottlenecks in the backend, leading to a significant reduction in response times and improved overall system scalability.
- Key Technologies: Spring Boot, MySQL, Spring Data JPA, HTML, CSS, Bootstrap, Eureka Server.

Enterprise Resource Planning */Python Full Stack Development*
- Successfully executed an enterprise resource planning (ERP) project using Django, PostgreSQL, HTML, and CSS, resulting in streamlined operations and improved efficiency.
- Contributed as a backend engineer to an ERP project, leveraging Django and PostgreSQL to build and maintain backend systems, which streamlined workflows and enhanced overall efficiency.
- Engineered backend systems using Django and PostgreSQL, reducing query response time by 40% and boosting overall application performance, leading to a 25% increase in user engagement.
- Key Technologies: Django, PostgreSQL, Html, CSS, Bootstrap.

Serverless Media Orchestration: *Using AWS Services*
- Built a serverless media orchestration system with AWS, improving media processing efficiency, cutting operational costs, and enabling scalable handling of large media volumes.
- Gained experience integrating AWS services like CloudFront, S3, and Lambda with a React frontend to develop a unified full-stack application.
- Key Technologies: React JS, AWS S3, AWS CloudFront, AWS Lambda.

Certifications Accomplished

- AWS Cloud Practitioner
- Red Hat Certified Enterprise Application Developer (EX-183)
- AWS Solution Architect

Experience

- Completed the AICTE AWS Cloud Virtual Internship from December 2022 to February 2023.
- Served as Student Coordinator for Cultural Events at #include 2023.