AMUGADDA HEMANTH KUMAR

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CAREER OBJECTIVE

Aspiring Pega Developer (Pega Certified System Architect – CSA 24.2) with a B.Tech in Electrical and Electronics Engineering. Passionate about building intelligent, efficient low-code applications that address complex business needs. Skilled in Pega application development, process automation, and user-focused design. Actively seeking an opportunity to apply my skills in a real-world environment, gain hands-on project experience, and work toward advanced certifications like CSSA and CPDC. Eager to contribute to impactful projects, drive operational excellence, and continuously expand my knowledge as part of a dynamic team.

EDUCATION

Bachelor of Technology (B.Tech) - Electrical and Electronics Engineering
MVSR Engineering College (Affiliated to Osmania University) - Hyderabad, Telangana
2020 - 2024
Intermediate - MPC
Sri Gayatri College - Hyderabad, Telangana
2018 - 2020
SSC
Montessori High School - Alampur, Telangana
2018

PROFESSIONAL EXPERIENCE

Pega Training – Harsha Training Institute
Harsha Trainings Private Limited, Hyderabad, Telangana (July 2024 - December 2024)
July 2024 - December 2024

- Developed and tested workflows for auto rental and insurance applications using Pega.
- Collaborated with team members to implement decision rules and optimize UI designs for business applications.
- Developed an application during training under guidance, optimized workflows, and improved system efficiency.

Independent Projects
2024 - Present

- currently designing and developing an YT clone with a responsive user interface using HTML and CSS.
- currently working on this project to enhance my technical skills and gain practical knowledge in front-end development.

SKILLS

- Pega Technologies: Workflows, Case Management, Decision Rules, Integration (REST/SOAP APIs, Data Integration), UI Design & Customization, Debugging & Performance Optimization.
- Programming Languages: HTML, CSS.
- Database Technologies: MY SQL.
- Tools and Platforms: Collaboration tools, Pega PRPC.
- Soft Skills: Communication, Team Collaboration, Problem Solving.

PROJECTS

LIC Auto Insurance Application
Built an end-to-end auto insurance system in Pega with:
- Flow rules for orchestrating the claim lifecycle, policy creation, and renewal processes
- Decision rules and decision strategies for generating personalized policy recommendations
- Integration rules (Connect SOAP/REST) to update policies and send customer notifications
- Declare expressions to dynamically calculate premiums and determine renewal dates

Hostel Finder Application (Ongoing)
Currently building a hostel search system in Pega with:
- Flow and UI rules to handle student registration and hostel listing submissions
- Decision tables to conditionally display hostel options based on user role (student or hostel owner)
- Report definition rules to fetch and display real-time hostel availability
- Connect SOAP and REST integration rules to identify and validate credit card details during booking

BDC Converter Analysis for Hybrid Electric Vehicles
- Designed and analyzed a bidirectional DC converter for energy optimization in hybrid vehicles using MATLAB simulations.

CERTIFICATIONS

- Pega Certified System Architect (CSA)
- Completed Pega Training with hands-on project experience.

PROFESSIONAL STRENGTHS

- Adept at designing and developing applications using Pega PRPC.
- Strong skills in debugging and performance enhancement.
- Collaborative team player with excellent communication abilities.