

JAGADESHWARAN K

Full Stack Engineer | Pega Developer

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Summary

Innovative Full-Stack Developer with expertise in both frontend and backend development. Proficient in creating responsive UI designs using JavaScript, TypeScript, React, and Angular, while building scalable backend architecture leveraging PostgreSQL, MySQL, and MongoDB for efficient data management. Skilled in integrating web APIs, implementing robust user authentication methods, and optimizing applications for performance and accessibility. Adept at writing testable code backed by unit and integration tests and ensuring reliable solutions through effective debugging practices. Passionate about empowering product teams with seamless, end-to-end solutions.

Work Experience

Programmer

Jun 2022 - Jun 2024

Cognizant Technology Solutions

Chennai

- Designed and implemented end-to-end case life cycles for Facility Management, Insurance, and Banking Applications using the Pega Platform, applying object-oriented programming principles and design patterns to ensure scalable and maintainable solutions.
 - Integrated REST APIs and services through REST connectors, managing customer records by configuring connectors, endpoint URLs, and Data Transforms.
 - Improved data accuracy by 15% through the implementation of Data Transforms and Data Pages, streamlining operations.
 - Reduced SLA violations by 10% by creating and managing Service-Level Agreements (SLAs) with escalation protocols, ensuring timely task completion and improving overall process reliability.
 - Utilized debugging tools such as Tracer, Live UI, and Clipboard for effective issue resolution and ensuring smooth application operation.
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Technical skills

- **Programming Languages:** Java, Python, C++, PHP
 - **Web Development:** HTML, CSS, JavaScript, React.js, Node.js, Vue.js, Tailwind CSS, SCSS
 - **Pega:** Pega 8.7, 8.8, Pega BPM, Connectors, Data Transforms, Data Pages
 - **Databases:** SQL, MySQL, Oracle, MongoDB
 - **Integration Technologies:** REST, SOAP, APIs
 - **Methodologies:** Agile, Scrum
 - **Operating Systems:** Windows, Linux
 - **Frameworks and Tools:** Git, Jira, MS Office, Pega Tools, Power BI
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Projects

E-commerce Web Application

- Developed a responsive e-commerce web application using React, React-Bootstrap, HTML5, and CSS3, focusing on full-stack development skills.
- Implemented key features such as a shopping cart, product category browsing, and secure checkout, ensuring seamless user experience.
- Utilized local storage for backend data management, including user session data, cart items, and application state, ensuring persistent and efficient data handling.
- Integrated React-Bootstrap components for a visually appealing, responsive design, optimized for cross-device compatibility and performance.
- Designed real-time mechanisms to manage local storage interactions, enabling secure user authentication, session tracking, and smooth application updates.

Pharmacy Application

- Developed a responsive e-commerce platform for pharmacy services with seamless frontend functionality using React and modern styling through Tailwind CSS.
- Integrated advanced features like product filtering, inventory management, secure checkout systems, and cross-device compatibility for an enhanced user experience.
- Built scalable backend architecture leveraging PostgreSQL, MySQL, and MongoDB, ensuring efficient data handling and reliability.
- Implemented secure user authentication methods including OAuth, mobile OTP verification, and email-based login, prioritizing robust security measures.
- Enhanced functionality with technologies like Node.js and APIs, while adding automated email notifications for instant user updates.

Education

Bachelor of Science in Computer Science (8.02)

Kalasalingam Academy of Research and Education

Jun 2019 - May 2022

Krishnankoil

Certifications

- **Pega Certified System Architect** – Pegasystems
- **Pega Certified Senior System Architect** - Pegasystems
- **The Fundamentals of Digital Marketing** - Google Digital Garage
- **Data Analytics and Visualization** - Forage
- **Generative AI Fundamentals** - Cognizant
- **SQL for Beginners** – Udemy
- **Agile methodology and Jira software tool** – Kare