

ISNAGARAPU NAGA PAVAN KUMAR
Phone: +1 341 786 3933
Mail: 0210pavankumar@gmail.com
LinkedIn: <https://www.linkedin.com/in/pavan-kumar-216537234/>

SUMMARY

- A competent and dynamic Software Engineer with over 8+ years of experience in application development, specializing in Java 17, STS, Gitlab 7.0, Oracle 12c, JMS, GraphQL, Angular 10/14, High charts, Webpack, Angular-CLI, Typescript, SQL, CI/CD, Apache Camel, MySQL, Node.js, JavaScript, Restful, JSON, XML, JUnit 4.9, Spring 4.2, Spring Boot, Spring AOP, Spring JPA, Hibernate 4, Log4j, Tomcat, Protractor, Jenkins, Gradle, Apache, AWS.
- Demonstrated expertise in UI design and execution with proficiency in HTML5, CSS3, SCSS, and Bootstrap, along with an ability to translate sophisticated UI designs into executable code
- Proven leadership skills, having directed a team of developers, focusing on cross-platform mobile and web application development.
- Experienced in agile methodologies, leading design, coding, testing, and task automation in collaboration with the Agile development team
- A seasoned professional in analysis, design, coding, and quality testing phases, ensuring high-quality deliverables. Well-versed in GIT for code merging, maintaining code integrity, and consistency.

EDUCATION

- **Bachelor of Technology in Computer Science and Engineering** from BV Raju Institute of Technology, Narsapur, Telangana, India | Apr 2014

SKILL SET

Web Application Frameworks | Front End Development | Backend Developer| Software Development | Agile Development | Responsive Design | Debugging | Unit Testing | Analysis | Design | Code | Browser Environments | UI | SSO Integration | SSR Integration.

TECHNICAL SKILLS

Languages & Technologies: Java 17, STS, Gitlab 7.0, Oracle 12c, JMS, GraphQL, Angular 10/14, High charts, Webpack, Angular-CLI, Typescript, SQL, CI/CD, Apache Camel, HTML5, MySQL, CSS3, Node.js, JavaScript, Restful, JSON, XML, JUnit 4.9, Spring 4.2, Spring Boot, Spring AOP, Spring JPA, Hibernate 4, Log4j, Tomcat, Protractor, Jenkins, Gradle, Apache, AWS

AOP, UI: HTML5, CSS3, SCSS, Bootstrap

Version Control Tools: GIT, SVN, Azure DevOps

Scrum Controlled Tool: CA Agile Central (Rally),

Azure DevOps A11Y (508 Compliant): NVDA, Keyboard Accessibility

IDE and Tools: Eclipse, STS, Visual Studio Code

Content-Based: ADOBE CQ5

WORK EXPERIENCE

Sr. Java Developer | Valley Bank, NY | Jan 2024 to till Date

Skills Used: Java 17, STS, Gitlab 7.0, Oracle 12c, JMS, GraphQL, Angular 10/14, High charts, Webpack, Angular-CLI, Typescript, SQL, CI/CD, Apache Camel, HTML5, MySQL, CSS3, Node.js, JavaScript, Restful, JSON, XML, JUnit 4.9, Spring 4.2, Spring Boot, Spring AOP, Spring JPA, Hibernate 4, Log4j, Tomcat, Protractor, Jenkins, Gradle, Apache, AWS.

Responsibilities:

- Worked with Agile methodology and actively participated in Scrum meetings as a part of SDLC, to produce quality deliverables within time.

- Develop the UI component architecture for developer framework using Angular14, Typescript, HTML5, CSS3 and Bootstrap.
- Angular.js, Vue.js, Node.js, Spring Boot, Spring MVN, and Bootstrap were used to create the online web application.
- Created custom, self-contained, reusable and testable Angular modules, controllers, directives and services to implement key functionalities for customer account summary.
- Used Angular Http services for asynchronous validations for the input fields of the forms with the data existed in the database.
- Use Spring MVC framework on implementing Controllers.
- Responsible for creating efficient design and developing User Interaction screens using HTML, CSS3, Bootstrap, JavaScript, Angular and Node JS.
- Enhanced application performance by Angular Component based development in view of future Angular framework transitions.
- Worked on different GraphQL services in getting the data efficiently.
- Demonstrated experience working with (consuming) REST or GraphQL APIs via client side JavaScript or server side via NodeJS
- Took part in setting up the routing configuration using Angular router for various views and sub views.
- Worked simultaneously in both production and development teams and took part in designing and developing dynamic web pages using HTML5, CSS3, Bootstrap, SASS, JavaScript, jQuery, Angular 14 for single page applications. Worked on customizing the Bootstrap classes using CSS pre-processes like SASS.
- Configured Hibernate, Spring and My Faces JSF to map the business objects to Database using XML configuration file. Used Hibernate to store the persistent data as an Object-Relational Mapping (ORM) tool for communicating with database.
- Developed PL/SQL triggers and master tables for automatic creation of primary keys.
- Used Microservices architecture with Spring Boot based services interacting through a combination of REST to build, test and deploy identity Microservices.
- Worked on latest features of Java 8 like Lambda expressions and functional interfaces. Extensively used JUnit, JMeter, SoapUI and FitNesse for testing.
- Developed Spring JMS Message listeners to process messages asynchronously between new services and legacy services.
- Developed the DAO layer for the application using spring, Hibernate and developed various business logic and reports using HQL and Hibernate Criteria.
- Performed CRUD operations like Update, Insert and Delete data in NoSQL database like MongoDB. Responsible for mapping the database model into persistence objects using Hibernate Annotations.
- Provided Log4j support to the application for debugging the system and server side logging and configured Maven dependencies for build automation.
- Hosted and tested the application in AWS servers before publishing it in actual production environment.
- Used GIT as version control tool for effectively managing the code changes & experience with Agile/Scrum methodology.
- Worked in a CI/CD environment with Jenkins, Maven, AWS and Terraform.

Sr. Java Developer | Electrum, India | Nov 2022 – Nov 2023

Skills Used: Angular14+, JavaScript, Typescript, Hibernate Spring MVC, PostgreSQL, React JS, Bootstrap, HTML5, CSS3, SCSS, RxJs, GraphQL, NPM

Responsibilities:

- Integrated advanced features to manage dynamic market conditions, tailored for a renewable energy resources product- based organization. These features were seamlessly incorporated into a single injection application, enabling deployment into the client domain with a single HTML tag.
- Worked with Spring MVC and Hibernate in the backend to build the business logic.
- Used Spring MVC to implement MVC Design Pattern.
- Created RESTful services like Drop wizard framework for various web-services involving both JSON and XML.
- Utilized Spring AOP for logging and transaction management to maintain comprehensive service documentation and support knowledge base updates.
- Worked with relational (PostgreSQL, MySQL) and NoSQL (MongoDB) databases to support diverse data management needs.
- Implemented OAuth2 for secure API authentication and authorization, enhancing system security and

compliance.

- Leveraged Apache Kafka for reliable, asynchronous communication between Microservices, ensuring efficient information exchange.
- Developed and maintained RESTful Web Services to facilitate seamless integration with external systems via API Gateway Interfaces.
- Designed and developed middle-tier components using best practices and design patterns within a Model-View-Controller (MVC) architecture.
- Enhanced the user experience by developing responsive web applications using Angular, with state management and event handling powered by RxJs.
- Integrated Docker into CI/CD pipelines with Jenkins to automate testing and deployment workflows, achieving faster release cycles and improved system efficiencies.
- Utilized Git for version control and collaboration, ensuring smooth code merges and branch management for new feature implementations.
- Provided mentorship and training to team members, fostering a positive atmosphere and ensuring high productivity levels.
- Deployed Spring Boot based Microservices in Docker and Amazon EC2 container using Jenkins
- Researched, designed, and successfully implemented Single Sign-On (SSO) integration between Salesforce, the injection process, and the client application, without external assistance.
- Actively participated in, researched, and implemented the foundational structure for a new project requiring an SEO-focused product. Contributed as an architect by concluding the adoption of server-side rendering (SSR) to meet project objectives effectively.
- Developed Microservices using Spring MVC, Spring Boot, and Spring Cloud.
- Designed and managed an injection-based application seamlessly integrated into client applications. This process involved coordinating multiple projects and ensuring a meticulous focus on integration to prevent any issues during deployment.
- Worked on Spring MVC Architecture for web applications.
- Developing new user-facing features using technologies such as HTML5, CSS3, SCSS, JavaScript, Angular, and other relevant frameworks.
- Providing mentorship and guidance to junior developers, fostering an environment of continuous learning and improvement

J2EE Developer II | Real Page India Pvt Ltd, India | Feb 2018 – Nov 2022

Skills Used: Angular 10+, AngularJS, Typescript, Spring Boot, CI/CD, My SQL, JavaScript, RAUL Material (REAL PAGE), Bootstrap, HTML5, CSS3, SCSS

Responsibilities:

- Directed the design, development, and enhancement of user interfaces by creating and optimizing multiple front-end web application frameworks.
- Utilized a diverse range of technologies, including Angular 10+, AngularJS, HTML5, CSS3, SCSS, Bootstrap, Angular Material, and REST APIs, to deliver robust front-end solutions and REST APIs.
- Integrated organization owned RAULMaterial with Angular and advanced front-end development best practices, leveraging Angular 10 and recently upgrading to Angular 12 for enhanced performance and maintainability.
- Participated in the design, coding, testing, and automation of tasks in collaboration with the Agile development team. Supervised client-side logic coding and development across various browser environments
- Understand and implement the Americans with Disabilities Act (ADA) requirements in digital environments, ensuring accessibility for users with disabilities.
- Developed REST-based Microservices using Spring Boot.
- Developed the service layer with Spring Framework features like Spring JDBC and Spring ORM.
- Implemented routing and transforming data between two Applications using HTTP protocol.
- Developed a new library with Microservices architecture using Rest APIs, Spring Boot, and Pivotal Cloud Foundry.
- Developed a job server (REST API, Spring Boot, ORACLE DB) and job shell for job submission, job profile storage, job data (HDFS) query/monitoring.
- Developed server-side application to interact with the database using Spring Boot and Hibernate. Designed and developed Middle-tier components for the company's object framework using best practices and design Patterns and used in MVC.
- Secured the APIs by implementing OAuth2 token-based authentication/authorization scheme using Spring Security.

- Designed, built, and deployed applications utilizing AWS stack (EC2, S3, Dynamo DB, SQS, and EMR), focusing on high-availability, fault tolerance, and auto-scaling.
- Integrated Open stack API with Amazon EC2 cloud-based architecture in AWS. Having experience with Cloud Computing environment and Utilized Amazon Web Services (AWS) EC2 to deploy Docker containers.
- Used Apache Kafka (Message Queues) for reliable and asynchronous exchange of important information between multiple business applications.
- Developed test cases for Unit testing using Junit and Karma.
- Implemented the database connectivity using JDBC with MYSQL database as backend.
- Created JSON request and validated the response using postman Interceptor and Swagger UI.
- Used Jenkins and Maven for automated builds and deployments.
- To keep track of issues and tasks on individuals used JIRA ticketing system.
- Used Microservices architecture, with Spring boot based services interacting through a combination of REST and Spring boot.
- Testing and optimize digital interfaces using screen readers like NVDA (Non-Visual Desktop Access) to ensure smooth navigation.
- Use tools like colour Contrast Checker by AccessibilityChecker.org to verify and improve colour contrast ratios.
- Followed the Web Content Accessibility Guidelines (WCAG) set by the World Wide Web Consortium (W3C) with automated accessibility testing using a variety of tools (Lighthouse, or Wave). Ensure compliance with WCAG standards for text readability and visual clarity.
- Developed a dynamic Single Page Application (SPA) using Angular 6, with responsive user interface compatible with IE11, Mozilla Firefox, Chrome, Safari, and various Android and iOS devices, ensuring seamless functionality across desktops, tablets, and smartphones using CSS3, SCSS, and Media Queries.

Java Developer | People Tech Group Pvt Ltd, India | Jul 2016 – Jan 2018

Skills Used: Angular 6, Typescript, JavaScript, HTML5, CSS3, JS, jQuery, SQL, JSON, Adobe Experience Manager 6.2

Responsibilities:

- Crafted a Single Page Application (SPA) using Angular-6, integrating REST APIs to access all data in JSON format and facilitating content updates for authors via Adobe Experience Manager 6.2
- Acted as a pivotal contributor in the design and execution of low-latency, high-availability, and performance-oriented applications.
- Involved in designing and developing the JSON, XML Objects with SQL Server. Engineered a responsive design compatible with IE11, Mozilla Firefox, Chrome, and Safari, as well as Android and iOS devices of varying screen sizes (Desktops, Tablets, Mobile devices) utilizing CSS3, and Media Queries.
- Developed a robust web application using the AngularJS framework, integrated with REST APIs for enhanced functionality. Addressed software defects and managed the code merging process via GIT to maintain code integrity and consistency
- Assisted QA teams in issue analysis by delivering crucial project metrics and data, facilitating effective problem - solving