

Jayakishan Presingu

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[GitHub](#) | [LinkedIn](#) | [HackerRank](#)

SUMMARY:

- Extensive SDLC expertise and maintenance across multiple programming languages, including Java, C#, & PHP.
- Proficient in OOP, Multi-threading, Exception Handling, Data Structures, Algorithms, Collections, Garbage Collection, Method References, and Functional Interfaces.
- Successfully integrated applications with MySQL databases, ensuring efficient data storage and retrieval.
- SQL proficiency with optimized database design for enhanced application performance.
- Strong experience in developing Client-Server applications using various technologies, including Java, J2EE (Servlets, JSP, Struts, Hibernate, Spring, JDBC), HTML, CSS, JavaScript, C#, and PHP.
- Experienced in C# development, leveraging the .NET Framework and Entity Framework for robust application development. Proficient in NUnit for reliable code testing and quality assurance.
- Proficient in PHP development, utilizing Composer for efficient dependency management, PHPUnit for robust unit testing, and Laravel framework for scalable web applications.
- Well-versed in Java 8 features such as Streams API, Default/Static methods in Interfaces.
- Utilized React.js for usage metrics and event tracing analysis.
- Expertise in testing types (Smoke, Functional, Regression, Integration, Black Box, Unit) and JIRA integration.
- SOAP and Restful Web Service experience.
- Extensive knowledge of Spring Boot, Spring MVC, familiarity with NodeJS and React.

EDUCATION:

Master of Science in Computer Science

January 2021 - May 2022

University of North Texas – Denton, TX, USA.

Bachelor of Technology in Computer Science & Engineering

June 2014 - May 2018

Jawaharlal Nehru Technological University, Kakinada – AP, India.

PROFESSIONAL EXPERIENCE:

SOFTWARE ENGINEER

August 2022 - Present

Shrive Solutions LLC. – Charlotte, NC.

- Experienced Full Stack Developer proficient in Java, C#, and PHP, with a focus on developing a clinical trial management system to track trials, patient data, and results across multiple programming languages.
- Spearheaded the development of a clinical trial management system using React.js, showcasing expertise in creating interactive UIs and leveraging the component-based architecture.
- Employed HTML5, CSS3, and Bootstrap to establish a responsive design, ensuring optimal user experiences across diverse devices and platforms.
- Utilized JavaScript and jQuery for precise client-side validation, heightening user engagement and interactivity within the system.
- Demonstrated mastery in C# and .NET framework, crafting robust, high-performance applications that align with project goals and user expectations.
- Orchestrated seamless user experiences by integrating React Router for dynamic client-side routing, facilitating single-page application functionality.
- Expertly developed visually appealing user interfaces by implementing Material-UI components, enhancing the overall user engagement in the clinical trial management system.
- Applied ASP.NET to construct sophisticated web applications, following the MVC pattern to ensure clean separation of concerns and maintainability.
- Proficiently harnessed the power of ASP.NET Core for modern, cross-platform web development, delivering adaptive and efficient application solutions.
- Utilized the built-in dependency injection container in .NET Core to promote modular, testable, and maintainable code.

- Employed Entity Framework proficiently to streamline data access and management within .NET applications, ensuring optimized system performance.
- Demonstrated proficiency in Microsoft SQL Server, designing and executing complex SQL queries for efficient data retrieval and analysis across systems.
- Developed user-friendly interfaces using React, HTML5, CSS3, and Bootstrap, ensuring intuitive trial tracking and data management.
- Integrated responsive design principles into the clinical trial management system, promoting seamless user experiences across various devices, including mobile.
- Leveraged Python for scripting, automation, and web development tasks, optimizing workflows and enhancing system functionality.
- Employed Ansible for efficient configuration management and automated deployments, fostering consistent infrastructure across different environments.
- Seamlessly integrated Python scripts with Ansible, extending automation capabilities and customizing solutions as per project requirements.
- Showcased familiarity with Amazon Web Services (AWS), utilizing services like EC2, S3, and RDS for scalable and reliable cloud-based solutions.
- Implemented CI/CD using Jenkins and GitLab CI/CD, ensuring automated builds, tests, and deployments for accelerated development workflows.
- Demonstrated commitment to code quality through Test-Driven Development (TDD) practices, crafting thorough unit tests for robust applications.
- Efficiently managed tasks and issues through Jira and TFS, facilitating seamless collaboration and coordinated efforts within the development team. Efficiently coordinated tasks and tracked issues using Jira and TFS, promoting cohesive collaboration within the team.

Java DEVELOPER

July 2018 – December 2020

VRK Technologies PVT. LTD. – Hyderabad, India.

- Gathered and analyzed system requirements for projects.
- Developed front-end using HTML, CSS, JSP, Servlets, JSTL, Ajax, and Struts.
- Implemented Training and Appraisal modules with Java, JSP, JavaScript, and Java Swing.
- Designed database schema, wrote complex SQL queries, mapped functional requirements to workflow processes, and utilized JDBC Callable statements for seamless integration.
- Designed and modified database structures, including tables, views, triggers, stored procedures, and functions to support new features.

SUMMER INTERN

May 2017 – June 2017

Rashtriya Ispat Nigam Limited (RINL) – Visakhapatnam, India.

- Completed internship at RINL Visakhapatnam in ERP-IT a corporate entity of Visakhapatnam Steel Plant.
- Collaborated with cross-functional teams to analyze, design, and implement solutions for seamless integration of IT systems and business processes. Contributed to enterprise resource planning software and IT infrastructure initiatives.

TECHNICAL SKILLS:

Programming / Web Development: C#, Java, React.js, HTML5, CSS3, Bootstrap, jQuery

Frameworks: ASP.NET, ASP.NET Core, Spring Boot, Entity Framework, Material-UI, React Router

Databases: Microsoft SQL Server, MySQL, Entity Framework

Version Control: Git, Gitlab

DevOps: CI/CD (Jenkins, GitLab CI/CD), Docker, Kubernetes

Testing: Test-Driven Development (TDD), NUnit, JUnit, Mockito, Selenium

Tools: Visual Studio, Eclipse, IntelliJ IDEA, Jira, Splunk, XML, JSON, Flask, Ansible

Cloud Technologies: Amazon Web Services (AWS) - EC2, S3, RDS

RESTful APIs: ASP.NET Web API, Spring Web Services

Methodologies: Agile, Scrum and Waterfall