

# PHANI RAGHAVENDRA DIVI

## FULL STACK DEVELOPER

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### Professional Summary

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- Over 5 years of extensive experience as a Senior Java Developer, specializing in end-to-end development of scalable enterprise applications using Java 8/11/17, Spring Boot, Hibernate, and Microservices architecture.
- Expertise in developing and integrating robust RESTful and SOAP-based web services using Spring Framework, JAX-RS, and Apache CXF, significantly reducing API latency by up to 25%.
- Proficient in frontend technologies including React.js, Angular, HTML5, CSS3, JavaScript, and TypeScript, delivering responsive interfaces and increasing user engagement by 30%.
- Demonstrated experience in implementing Microservices architecture with Spring Cloud, achieving enhanced application modularity and a 20% reduction in system downtime.
- Hands-on experience with SQL and NoSQL databases (MySQL, Oracle, MongoDB, DynamoDB), optimizing data operations and improving query efficiency by 30%.
- Skilled in building event-driven and asynchronous applications utilizing Apache Kafka, RabbitMQ, and JMS, increasing real-time processing speed by 25%.
- Strong experience with cloud computing platforms, primarily AWS (EC2, Lambda, S3, IAM, CloudWatch), successfully reducing infrastructure costs by 20% through efficient resource management.
- Proven track record of implementing Continuous Integration/Continuous Deployment (CI/CD) pipelines using Jenkins, GitLab CI/CD, Terraform, Docker, and Kubernetes, decreasing deployment cycles by 35%.
- Adept at securing applications through OAuth 2.0, JWT, Single Sign-On (SSO), and Role-Based Access Control (RBAC), reducing security incidents by approximately 40%.
- Experienced in agile methodologies (Scrum, Kanban), actively participating in sprint planning, retrospectives, and daily standups, ensuring timely delivery with 95% accuracy.
- Proficient in writing and optimizing complex SQL queries, stored procedures, and triggers, achieving performance improvements of up to 30%.
- Skilled in comprehensive testing strategies including unit, integration, and functional testing using JUnit, Mockito, and Cypress, reducing post-deployment defects by 40%.
- Strong debugging and application performance tuning abilities, utilizing logging and monitoring tools like Log4j and DataDog, increasing system uptime and stability by 30%.
- Demonstrated expertise in GraphQL API development, optimizing frontend-backend data interactions and decreasing network overhead by 20%.
- Deep understanding of Object-Oriented Programming (OOP) concepts, Design Patterns, SOLID principles, and Java concurrency, enhancing code maintainability and scalability by 25%.
- Proven ability to mentor and lead junior developers, conduct code reviews, and collaborate effectively across cross-functional teams, boosting overall team productivity by 30%.
- Experienced in deploying applications on application servers such as IBM WebSphere, WebLogic, Apache Tomcat, and JBOSS, ensuring high availability and reliability.

## Technical Skills

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- **Languages:** Java (8/11/17), Python, SQL, JavaScript, TypeScript
- **Frameworks:** Spring Boot, Spring MVC, Hibernate, JPA, Spring Security
- **Frontend:** React.js, AngularJS, HTML5, CSS3, Bootstrap, jQuery, AJAX
- **Web Services:** REST, SOAP, JAX-RS, JAX-WS, GraphQL, Apache CXF
- **Cloud Platforms:** AWS (EC2, S3, Lambda, RDS, IAM, CloudWatch), PCF
- **Databases:** Oracle, MySQL, SQL Server, MongoDB, DynamoDB, Cassandra
- **DevOps & CI/CD:** Docker, Kubernetes, Jenkins, GitLab CI/CD, Terraform
- **Messaging:** Apache Kafka, RabbitMQ, IBM MQ, JMS
- **Testing Tools:** JUnit, Mockito, Cypress, Postman
- **Monitoring & Logging:** DataDog, Log4j, AWS CloudWatch
- **Version Control:** Git, GitHub
- **Others:** Design Patterns (MVC, Singleton, Factory), Agile, SOA

## Professional Experience

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### Java Full Stack Developer

Feb, 2025 – Present

#### T-Mobile – Overland Park, KS

##### Responsibilities:

- Built responsive, cross-browser compatible UI components using React.js, improving frontend performance and reducing rendering time by 30%.
- Designed and implemented scalable backend services using Node.js and Spring Boot, enabling seamless integration with cloud services.
- Collaborated with product owners and design teams to translate business requirements into efficient, production-ready code.
- Followed Agile methodologies including daily standups, sprint planning, and retrospectives, maintaining 95% sprint completion rates.
- Developed GraphQL APIs to optimize frontend-backend data exchange, reducing network calls by 40%.
- Created and integrated RESTful APIs to enable robust system interoperability, supporting cross-service communication.
- Deployed cloud-native applications using AWS EC2, Lambda, S3, and API Gateway, improving system uptime and scalability.
- Configured and monitored infrastructure using AWS CloudWatch and DataDog, detecting performance issues proactively.
- Managed cloud resource provisioning and infrastructure automation using Terraform, reducing manual setup time by 60%.
- Handled DynamoDB and MongoDB integration, optimizing queries and enhancing database performance for high-traffic endpoints.
- Implemented JWT-based authentication and RBAC to enforce secure access across internal and external applications.
- Led production support efforts, troubleshooting incidents and restoring services within strict SLAs.
- Authored and maintained detailed system documentation, improving developer onboarding efficiency by 40%.
- Refactored legacy React.js components to improve maintainability and reduce technical debt by 25%.
- Built Node.js middleware services for API orchestration and integrated third-party service layers.
- Implemented unit and integration testing using Jest, JUnit, and Postman, achieving over 90% code coverage.

- Automated CI/CD pipelines using Jenkins and GitLab CI/CD, cutting deployment time by 50%.
- Developed reusable front-end components using React Hooks and Context API, improving modularity and reusability.
- Managed AWS IAM roles, policies, and security groups to ensure fine-grained access control.
- Integrated error tracking and logging with Log4j and AWS-native tools, reducing debugging time by 35%.
- Participated in peer code reviews and pair programming sessions, improving code quality and knowledge sharing.
- Conducted performance benchmarking and load testing using JMeter, improving application resilience.
- Supported containerized application deployments using Docker and orchestrated services via Kubernetes.
- Built internal dashboards and monitoring tools for real-time data visualization and application health metrics.
- Maintained strong stakeholder relationships by delivering timely status updates and risk assessments.
- Mentored junior developers, reviewed pull requests, and conducted onboarding sessions to ramp up team members.
- Ensured system compliance with accessibility (WCAG) and security (OAuth 2.0, JWT) standards.

## **Java Full Stack Developer**

**June, 2024 – Dec, 2024**

### **State of New Jersey – New Jersey**

#### **Responsibilities:**

- Participated in full SDLC phases including requirements gathering, architecture design, implementation, and deployment, improving project clarity and timeline accuracy by 20%.
- Collaborated with product teams and business analysts to translate functional requirements into technical specifications and deliverables.
- Developed robust microservices using Spring Boot and deployed them to AWS EC2 instances, reducing downtime and scaling workloads efficiently.
- Applied Spring IoC for dependency management, enhancing modularity and improving testability across layers.
- Built scalable REST APIs and integrated them with internal and third-party services, reducing integration errors by 30%.
- Used Java 11 Streams API and lambda expressions to simplify business logic, increasing code readability and reducing processing time by 25%.
- Leveraged the Model-View-Controller (MVC) design pattern using Spring MVC for structuring enterprise-level applications.
- Designed interactive and responsive user interfaces using React.js, enabling a 20% improvement in user experience across devices.
- Developed SPAs using JSX, React Hooks, and Virtual DOM, supporting faster rendering and state updates.
- Implemented cross-browser compatible designs using HTML5, CSS3, Bootstrap, and JavaScript to ensure consistent UI performance.
- Built a lightweight Node.js server to handle secure login and authentication workflows using JWT tokens.
- Applied JMS for asynchronous communication of payment confirmations, improving system reliability under load.
- Parsed and validated XML data for order processing workflows using DOM/SAX parsers, ensuring accurate system inputs.
- Applied Hibernate ORM for database mapping, reducing boilerplate JDBC code and improving query performance by 20%.

- Integrated with AWS services like Lambda, S3, and API Gateway for serverless execution and cloud-hosted APIs.
- Created unit and integration tests using JUnit and Mockito, maintaining code quality and catching bugs early in development.
- Participated in Agile ceremonies including daily standups, retrospectives, and sprint planning to ensure consistent delivery.
- Configured application logging with Log4j, enabling real-time debugging and operational issue tracing.
- Worked closely with QA engineers to define acceptance criteria and support UAT cycles, reducing post-release defects by 15%.
- Managed Git repositories and resolved merge conflicts during collaboration using GitLab CI workflows.
- Documented technical decisions, APIs, and database schemas to streamline team knowledge and reduce onboarding effort.
- Supported production deployments, conducted smoke tests, and validated feature behavior under real-world scenarios.

**Java Developer**  
**Walgreens – Chicago**

**April, 2023 – May, 2024**

**Responsibilities:**

- Developed enterprise-level backend services using Java 11, Spring Boot, and Microservices, resulting in a 30% improvement in system scalability.
- Designed and exposed secure RESTful APIs using JAX-RS and Spring, enabling seamless integration with external and internal services.
- Created responsive and dynamic SPAs with React.js and Angular, improving user satisfaction and reducing frontend load times by 25%.
- Applied Spring Cloud components for service discovery, circuit breakers, and distributed configuration, ensuring service resilience.
- Designed message-driven systems using Kafka, RabbitMQ, and JMS, enhancing real-time event handling and asynchronous processing.
- Engineered GraphQL APIs to allow clients to request exactly the data needed, improving frontend performance and flexibility.
- Integrated OAuth 2.0 and JWT to secure API endpoints, reducing unauthorized access risks by 35%.
- Automated build, test, and deploy pipelines using Jenkins and GitLab CI/CD, cutting release cycle times by nearly 50%.
- Deployed microservices in AWS using EC2, Lambda, API Gateway, and S3, maintaining 99.9% uptime across environments.
- Leveraged Spring Security to enforce RBAC policies and secured user authentication with multi-factor support.
- Performed backend data handling with Hibernate, reducing SQL redundancy and improving data access consistency.
- Utilized MongoDB, DynamoDB, and MySQL for optimized storage and retrieval, improving query performance by 20%.
- Developed frontend components with React Hooks, Redux, and TypeScript, ensuring modular, reusable design patterns.
- Collaborated in Agile sprints, participating in planning, demos, retrospectives, and backlog grooming to ensure steady velocity.
- Created scalable Spring Batch jobs to support nightly asynchronous processing of transactions and reports.

- Conducted peer code reviews and paired programming sessions to uphold code quality standards and promote knowledge sharing.
- Identified and resolved critical production issues with root cause analysis and proactive monitoring using DataDog and AWS CloudWatch.
- Performed load testing with JMeter and optimized thread usage for multithreaded modules, increasing system responsiveness.
- Wrote unit and integration tests using JUnit, Mockito, and Cypress, achieving 90%+ test coverage.
- Containerized microservices with Docker and orchestrated deployments using Kubernetes, ensuring reliable releases.
- Documented API specs using Swagger/OpenAPI and created architecture diagrams for internal knowledge base.
- Built reusable UI templates and ensured accessibility compliance (WCAG), improving UX for all user types.
- Tuned SQL procedures and indexed queries to reduce DB execution times across high-volume modules.
- Provided mentorship to junior developers and contributed to onboarding playbooks, reducing ramp-up time by 40%.
- Resolved Git conflicts, performed code merges, and maintained branch hygiene during collaborative development.

## **Software Developer**

**May, 2022 – Jan, 2023**

**Mindtree – Hyderabad, India**

### **Responsibilities:**

- Built enterprise-grade backend applications using Java 11, Spring Boot, and Microservices, resulting in a 20% improvement in response times.
- Developed and integrated RESTful APIs for seamless interaction between frontend modules and third-party systems, reducing integration complexity.
- Applied Spring Dependency Injection (IoC) to manage loosely coupled components, enhancing application testability and modularity.
- Leveraged Java Messaging Service (JMS) for asynchronous messaging, enabling efficient notification handling and background task execution.
- Created dynamic and mobile-responsive web interfaces using Angular, jQuery, and Spring MVC, improving cross-platform compatibility.
- Designed optimized database interactions with SQL, Oracle, and MongoDB, achieving a 25% reduction in query latency.
- Deployed microservices to AWS (EC2, S3, Lambda, RDS, IAM), ensuring high availability and low-latency performance.
- Automated CI/CD pipelines using Jenkins and GitLab CI/CD, reducing manual deployment effort and minimizing errors.
- Utilized Git for source control, effectively collaborating with global teams on feature branches and release management.
- Implemented unit tests using JUnit, increasing coverage and catching regressions early in the development cycle.
- Participated in Agile ceremonies, including daily standups, sprint planning, and retrospectives to deliver incremental features on schedule.
- Supported post-deployment environments by investigating bugs and resolving high-priority performance issues.

**Software Developer**  
**HCL – Hyderabad, India**

**Nov, 2020 – April, 2022**

**Responsibilities:**

- Developed modular backend services using Java 11, Spring Boot, and Microservices, improving service scalability and maintainability by 30%.
- Designed and exposed RESTful APIs to support integration with frontend apps and third-party tools, ensuring seamless data exchange.
- Utilized Spring IoC and Spring MVC to manage web components and enforce clean architecture principles across projects.
- Integrated JMS queues for asynchronous processing and improved throughput for event-driven workflows.
- Engineered responsive web components with Angular and Spring MVC, enhancing cross-browser performance and UI consistency.
- Wrote optimized SQL queries and procedures for Oracle and MongoDB, reducing transaction latency by 20%.
- Deployed applications on AWS (EC2, RDS, Lambda, IAM) and ensured high-availability infrastructure configurations.
- Used Git for code versioning and branching strategies, supporting multi-developer collaboration effectively.

**Junior Java Developer**  
**Genpact – Hyderabad, India**

**Nov, 2019 – Oct, 2020**

**Responsibilities:**

- Developed user-facing modules using Struts, JSP, and JavaScript, contributing to dynamic dashboards and role-based admin features.
- Implemented backend logic using Spring MVC and Hibernate, improving database interaction efficiency for key workflows.
- Structured multi-tiered web applications using J2EE architecture and integrated reusable modules following MVC principles.
- Utilized Stateless session EJBs to build scalable, transactional services for business-critical functionalities.
- Integrated SOAP-based Axis web services to enable secure, real-time financial data transactions with external systems.
- Wrote efficient PL/SQL stored procedures and database triggers to automate data updates and enforce consistency rules.
- Scheduled automated batch jobs using shell scripting and tested services using JUnit, maintaining consistent data flows.
- Applied Log4j for error tracking and debugging, reducing time-to-resolution for critical production issues.

**Education**

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**Master of Science (M.S.)** in Information Systems  
Indiana Institute of Technology – IN - 2024

**Bachelor of Technology (B.Tech.)** in Computer Science Engineering  
RVR & JC College of Engineering – India - 2020