# Bivuti Padhi Email: [bivuti31@gmail.com](mailto:bivuti31@gmail.com)

**Mobile: +91-9686329342**

* **Around 6+**years of experience in software development using **Java** and **J2EE** technologies, this includes all phases of software development life cycles like User Interaction, Analysis, Implementation, Integration, Testing and Code Management.
* Extensive experience in design and development of web applications using **Core Java, J2EE, Spring4, JDBC, Web Services, REST, Log4j, JAX-WS, JAX-RS**.
* Experience in working with Azure technical tools like **Azure Blob**, **Azure Cosmo DB**, **Azure SQL**, **Azure Kubernetes,** and **Azure Dev.**
* Expertise in working with various database/tools like **Oracle9i**/**10g**, Toad, **DB2**.
* Experience in **Microservices** Architecture with **Spring Boot** and **Docker**
* Well versed with core Java SE 8 concepts like **Streams API**, **Lambda functions**, **Generics**, **Collections**, **Multithreading**.
* Strong experience in Implementing **Restful** web services based on (**JAX-RS**) by using frameworks like **Jersey** and **Spring REST.\**
* Designed and developed asynchronous **RESTful Microservices** using **Spring boot**.
* Experience with build and deployment tools including **Maven**, logging and Debugging using **Log4j**, unit and integration testing using **JUnit**.
* Expertise in **Azure Cosmos DB**, **Azure Function Apps**, **Application Insights** and deploying to container registry through **Jenkins and Concord (CI/CD)**.
* Good working knowledge in using source code change management and version control tools **Git** and **SVN**.
* Experience in **Agile** Software Development, **Test Driven Development** (TDD) to provide high quality solutions.
* Excellent and efficient Team Member with good planning and monitoring skills. Ability to work under stress and in meeting the schedules. Excellent Communication and Technical Document Writing skills.

# TECHNICAL SKILLS:

**Java/J2EE Technology\ Database\**

Core Java, Spring, Spring Boot,Micro Services, \ Oracle, DB2, Azure Cosmos DB.\JDBC, REST, JAX-RS

# Operating Systems\ Built Tools\

Windows, Linux, Mac\ Maven\

# Application/Web Servers \ IDE\

**Apache Tomcat\** Eclipse Photo**,** IntelliJ

# Other Tools \ Version Control \

Jenkins, Concord, Postman, Log4j, Slf4j. \ Git Hub, Git Lab.\

**Wipro Limited Feb 2022-Jan 2024**

# Client: HSBC Bank Microservices Development:

* Design, develop, and deploy microservices for the Cheque Processing Unit project using Java and Spring Boot.
* Ensure adherence to microservices architecture principles, scalability, and maintainability.

# API Design and Security:

* Design RESTful APIs for seamless communication between microservices and external systems.
* Implement OAuth for secure and authorized access to the APIs, integrating with JWT for token-based authentication.

**Spring Boot**:

* Designing & developing back-end components of web applications via Spring Boot..
* All the functionality is implemented using spring boot and **Hibernate ORM**. Implemented java EE components using **spring MVC**, **Spring IOC**, **Spring** transactions and **Spring Security** modules.
* Implemented the application using Framework and handled the security using spring Security  
  **Data Management**:
* Develop data models and implement database interactions for efficient storage, retrieval, and processing of cheque-related information.
* Ensure data consistency and integrity across microservices.

# Integration with External Systems:

* Integrate microservices with external systems, ensuring smooth data flow and compatibility with industry standards.

# Azure Cloud Services:

* Utilize Azure services for hosting, scaling, and managing microservices in a cloud environment.
* Leverage Azure DevOps for CI/CD pipelines and automated deployment processes.

# Monitoring and Logging:

* Implement monitoring solutions to track the performance and health of microservices.
* Utilize Azure Monitor and other monitoring tools to identify and address issues promptly.
* Configure logging mechanisms for effective debugging and troubleshooting.

# Security Compliance:

* Collaborate with security teams to ensure compliance with industry standards and implement necessary security measures.
* Regularly update and patch systems to address potential vulnerabilities.

# RESTful Web Services:

* Design and implement RESTful web services to expose functionality for cheque processing.
* Ensure proper documentation of APIs for internal and external stakeholders.

**Code Quality and Review:**

* Participate in code reviews, providing constructive feedback to team members.
* Adhere to coding standards and best practices to maintain high-quality code.

**Collaboration:**

* Collaborate with cross-functional teams, including front-end developers, architects, and business analysts, to ensure smooth integration of components.
* Actively participate in Agile/Scrum methodologies, attending sprint planning, reviews, and retrospectives.

# Continuous Learning:

* Stay updated with the latest technologies and industry trends relevant to Java, Spring Boot, microservices, and Azure.
* Share knowledge with the team and contribute to a culture of continuous learning.
* **Environment:** Java,Springboot, Microserivces,Postman,AZURE APP SERIVCE

**Greenies Technologies Solutions PVT LTD August 2017 to January 2022**

In a project like the Capital One Cheque Processing Unit, which involves Java, Spring Boot, microservices, JWT, OAuth, REST API, SOAP, Kafka and Cassandra database, various roles and responsibilities would be associated with different aspects of the development, deployment, and maintenance of the system. Below are some key roles and responsibilities that might be relevant for job positions related to this project:  
  
**Client: United Kingdom Health Care**

* Developing server-side logic using Java and the Spring Boot framework.
* Implementing microservices for specific business functionalities.
* Integrating with external systems using REST API and SOAP.
* Designing and implementing data models for Cassandra database.
* Designing and developing a microservices architecture to meet business requirements.
* Ensuring that microservices are loosely coupled and independently deployable.
* Implementing communication between microservices using REST API and SOAP.
* Implementing JSON Web Token (JWT) and OAuth for secure authentication.
* Managing user access and permissions within the microservices architecture
* Integrating with external systems using SOAP for data exchange.
* Ensuring compatibility and data consistency between REST and SOAP services.
* **Cassandra** Designing and implementing data models for Cassandra to store andretrieve cheque processing data.
* Optimizing queries and ensuring efficient data storage and retrieval.
* Managing schema changes and versioning in the Cassandra database.

Jenkins, Implementing and managing CI/CD pipelines for automated testing, building, and deployment.

* Ensuring the availability and reliability of the production environment.
* Monitoring and ensuring compliance with security standards and regulations.
* Integrating Kafka for event-driven communication between microservices.
* Implementing producers and consumers to publish and consume events.
* Ensuring reliability, fault tolerance, and scalability in event processing.

Utilized React.js to develop dynamic and responsive user interfaces for the cheque processing unit.

# Kubernetes Integration:

* Worked on deploying, scaling, and managing containerized applications using Kubernetes.
* Ensured the reliability and scalability of the cheque processing unit by leveraging Kubernetes features.

# State Management:

* Implement efficient state management using React hooks or Redux to handle complex application states.
* Optimize state updates for improved performance and responsiveness.

# API Integration:

* Utilize JavaScript to fetch data from APIs and seamlessly integrate them into the React application.
* Ensure proper handling of asynchronous operations, error management, and data transformations.

# Component Development:

* Develop reusable and modular React components, following best practices for maintainability and scalability.
* Collaborate with backend developers to integrate frontend components with server- side logic.

# Code Quality and Reviews:

* Adhere to coding standards, best practices, and established design patterns.
* Participate in code reviews, providing and receiving constructive feedback to maintain high-quality code.

# Karma Testing:

* Implement unit tests using Karma for React components to ensure functionality, reliability, and code coverage.
* Participate in test-driven development (TDD) practices to catch and address issues early in the development process.

# Responsive Design:

* Ensure the application is responsive and accessible across various devices and screen sizes.
* Implement mobile-first design principles for optimal user experience on smaller screens.

# Collaboration:

* Collaborate with backend developers, product managers, and other stakeholders to understand requirements and deliver features on time.
* Communicate effectively within cross-functional teams, participating in sprint planning, reviews, and retrospectives.

# Continuous Learning:

* Stay updated with the latest trends and advancements in React.js and front-end development.
* Share knowledge with the team and contribute to a culture of continuous learning.

# Performance Optimization:

* Identify and address performance bottlenecks in the front-end code.
* Optimize rendering, minimize resource usage, and enhance overall application speed.

# User Authentication:

* Implement user authentication and authorization mechanisms using React.js, ensuring secure access to application features.
* Collaborate with the security team to address vulnerabilities and enhance application security.
* **Environment:** React Js, Karma testing, VISUAL Studio.

**Education details:**

* I completed my **B.TECH** 2015 in **JNTUA**.