LINTON CHOUDHURY

SOFTWARE DEVELOPER

CONTACT

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EDUCATION

GRADUATED FROM GAUHATI COLLEGE

SKILLS

- Core Java
- APIs
- J2EE
- MYSQL
- Restful Webservices
- JDBC
- Maven
- JSON
- Servlet
- Debugging
- Git and Github
- Caching mechanisms
- AWS
- Agile
- Intellij idea
- STS
- Scrum
- Multithreading
- Collection
- Exception
- HQL
- Kafka
- Swagger
- Java 8
- Azure DevOps
- Jwt
- Servlets
- Swagger

PROFILE

Aspiring to utilize my **4.3 years** of experience in **Java Spring Boot** development and associated technologies to make meaningful contributions to a forward-thinking organization. Eager to expand my **knowledge** and **capabilities** while delivering **robust** and **efficient** software solutions. **Enthusiastic** about applying my proficiency in **design patterns, web services, the Spring framework, and SQL** to create **scalable** and **high-performance** applications. Dedicated to **lifelong learning, fostering collaboration, and achieving impactful outcomes** that support organizational growth.

WORK EXPERIENCE

Java Developer — 4.3 YEARS

- Designed and implemented **Spring Boot microservices** utilizing design patterns to ensure scalable and maintainable code structures. Developed **RESTful APIs** using **Spring MVC** to enable efficient client-server communication.
- Integrated **Hibernate ORM** with **Spring Boot** for seamless database interactions, **leveraging SQL queries** and **JPA annotations**.
- Applied the **DAO design pattern** to **decouple data access logic**, enhancing **modularity** and **reusability** of code.
- Worked extensively with **JEE technologies**, including **JDBC**, **JSP**, and **Servlets**, to create enterprise-level applications.
- Deployed Spring Boot microservices on **AWS** using AWS Lambda and API Gateway to ensure scalability and cost efficiency.
- Used **Maven** for managing **dependencies** and **optimizing** the build process.
- Deployed Spring Boot microservices on **AWS** using **AWS Lambda** and API Gateway to ensure scalability and cost efficiency.
- Improved application performance by implementing **caching** mechanisms with **Spring Cache** and **Redis**.
- Secured **API endpoints** by implementing **OAuth2** for **authentication** and **authorization**.
- Leveraged **IntelliJ IDEA** and **Spring Tool Suite** (**STS**) for efficient **coding**, **debugging** and **testing workflows.**
- Ensured **compatibility** with **external systems** by using **JSON** for data exchange.
- Wrote **unit tests** with **JUnit** to validate individual components and maintain high code quality.
- Used **Git** and **GitHub** for **version control**, **collaborative development**, and **code reviews**.
- Utilized **Java Collections Framework** to manage **data structures** effectively.
- Implemented **robust exception handling** to ensure **graceful error management.**
- **Tested** and **documented APIs** with **Postman**, verifying their **functionality** and **correctness**.

PROJECT EXPERIENCE

PROJECT: LOAD PLANNER
COMPANY: MINDAGE SOLUTIONS PVT LTD
DURATION: 2.9 YEARS

Developed a **modular, scalable, and high-performance** real estate application, **'Load Planner'**, leveraging Spring Boot and **RESTful APIs** to provide a robust and efficient backend architecture.

- Designed and implemented complex entity relationships, ensuring optimal database structure and seamless data flow. Utilized **Hibernate ORM** with **JPA** to enable efficient **CRUD** operations while maintaining **data integrity** and **consistency.**
- Integrated **Spring Security** with **JWT authentication** to ensure secure user access, implementing role-based access control and **OAuth2** for enhanced security. Enforced strong authentication and authorization mechanisms to protect sensitive user data.
- Leveraged **third-party APIs** (**Stripe** for **secure payments**, and **Twilio** for **SMS notifications**) to enhance the application's functionality and provide a seamless user experience.
- Utilized **Spring Validation** and **custom validators** to enforce data accuracy and prevent invalid inputs, ensuring a smooth and error-free application workflow.
- Implemented **caching mechanisms** using **Redis** to optimize query performance and **reduce database load**, significantly improving **response times**.
- Collaborated closely with **cross-functional teams**, including front-end developers and product managers, to align technical solutions with business goals, ensuring feature-rich and user-centric development.
- **Documented APIs** using **Swagger** for seamless integration with **front-end** and third-party applications, enhancing developer efficiency and maintaining clear API specifications.
- Optimized application performance by implementing asynchronous processing with **Spring Boot's @Async** and **Completable Future**, reducing **blocking operations** and enhancing **scalability**.
- Implemented **logging** and **monitoring** using **Spring Boot Actuator** to track **application health** and **ensure proactive troubleshooting.**
- Focused on continuous improvement, regularly **refactoring the codebase**, adopting best practices in **microservices architecture**, and ensuring **maintainability and scalability** to support future business growth.

PROJECT EXPERIENCE

PROJECT: BOOKING TOOL INTEGRATION
COMPANY: COZENTUS TECHNOLOGIES PVT LTD
DURATION: 1.5 YEARS

- Developed the **Smart Navigator Logistics Application** to optimize **shipment tracking** and **management processes**.
- Designed and implemented **Spring Boot, microservices**, improving scalability for handling API requests daily.
- Utilized **AWS services** such as **Lambda, CloudWatch, EC2 instances, RDS, S3 Bucket, Secrets Manager, and CodePipeline** to efficiently **manage logs, enhance system performance, automate deployments, and ensure secure, scalable, and resilient cloud infrastructure.**
- Created dedicated **controllers** to manage shipment tracking, status updates, and data synchronization across integrated systems.
- Built robust **service layers** to handle core business logic for both shipment import and export workflows.
- Architected a highly efficient **MySQL database schema** using **Hibernate JPA**, ensuring data integrity and seamless system integration.
- Configured **Spring profiles** for environment-specific deployments, tailored to diverse client requirements.
- Secured shipment data through **Spring Security** with **JWT-based authentication**, ensuring robust data protection.
- Adopted **MVC architecture** to deliver a scalable, modular, and maintainable application.
- Utilized **ModelMapper** for efficient entity-to-DTO conversions, enhancing data handling and reducing boilerplate code.
- Applied **Spring Validation** to enforce data accuracy and consistency, supporting smooth inter-system data flows.
- Developed extensive **JUnit test cases** to validate module functionality and ensure high system reliability.
- Performed manual **API testing** using **Postman** to ensure functionality and correctness throughout development.
- Integrated **third-party APIs** to improve shipment tracking accuracy and enhance application capabilities.
- Configured **servlet filters** for logging, authentication, and performance monitoring, improving system transparency and reliability.
- Collaborated with **frontend teams** and stakeholders to ensure accurate representation of shipment data and seamless integration.
- Documented **API endpoints** and business workflows to facilitate efficient knowledge sharing among teams and clients.
- Managed version control with **Git**, adhering to best practices for collaborative development and code sharing.
- Optimized application performance using **SonarQube**, reducing API response times and enhancing overall system efficiency.
- Continuously refined development practices by staying updated on advancements in **Spring Boot**, **Hibernate**, and related technologies.