



# LIPIKA BARMAN

## JAVA BACKEND DEVELOPER



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BTM 2nd stage, Bangalore



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### PROFILE SUMMARY

Experienced **Java Backend Developer**, proficient in Java, RESTful APIs, Spring Boot, and web development. Passionate about building robust, scalable applications with a focus on quality and user experience. Seeking challenging roles to contribute to organizational success.

### SKILL HIGHLIGHTS

- java/ core java
- advance java/j2EE
- OOPs concept
- (Inheritance,
- polymorphism,
- encapsulation,
- abstraction)
- JDK 1.8
- java 8 features
- Function programming
- Lamda Expression
- Stream API
- Exception
- Custom Exception
- Global Exception
- Multithreading
- Collection
- ORM
- JDBC, Servlets
- JSON, XML
- JSTL, JSP
- HTML, CSS
- Junit/ Unit testing
- White box testing
- Hibernate JPA/
- Hibernate Data JPA
- Tomcat 8
- MAVEN
- SQL/ MySQL
- Spring boot
- Spring Validation
- Spring Security
- JWT Token,
- Oauth/Basic
- Spring profile
- ER Diagram/ Mapping
- Eclipse, IntelliJ
- Jira
- Spring MVC
- Spring framework
- API/REST API
- RestFull API
- WEB Services
- RestFull Services
- Http Protocols
- 3rd party API
- SMS Implementation
- Email, WhatsApp
- Payment Gateway
- Stripe, PayPal
- PostMan
- Swagger
- API Documentation
- PDF Generation
- Git & GitHub
- AWS
- Microservices
- Eureka Server
- Load Balancing
- Scrum process
- Agile/ SDLC
- ChatGPT

### EXPERIENCE

Hashedin Technologies Pvt Ltd. | JAVA BACKEND DEVELOPER | **2.4 Years**

### TECHNICAL PROFICIENCY AREAS

- Proficient in **core Java** programming and **OOPs** concepts (**Inheritance, Polymorphism, Encapsulation, Abstraction**).
- Extensive experience in Java Enterprise Edition (**J2EE**) for scalable enterprise-level applications.
- Strong knowledge of J2EE components: **Servlets, JSP, JDBC**.
- In-depth understanding of **JDK 1.8** and its features, including **lambda expressions, functional interface stream API, default keyword, and optional class**
- Thorough understanding of Java **exception handling** and creating **custom exceptions**.
- Proficient in **multithreading**, thread synchronization, and Java **Collection Framework**.
- Good understanding of **HTML, CSS**, and performing **unit testing** with **JUnit/ white box testing**.
- Experience with **Hibernate ORM, MySQL**, and Apache **Tomcat 8**
- Expertise in **Spring Boot, Spring Security, JWT token authentication, and Spring Validation**.
- Familiarity with **OAuth, Basic authentication, Maven**, and **Spring MVC**.
- Proficient in developing **RESTful APIs** and **web services**.
- Experience integrating **third-party APIs** for SMS, email, and **payment gateways** (Stripe, PayPal, Sandbox Paytm).
- Strong knowledge of **JSON, XML**, and API documentation using **Postman** and **Swagger**.
- Proficient in **Git, GitHub, AWS, Agile** methodologies (**Scrum**), and project management with **Jira**.
- Familiarity with ORM frameworks, **E-R diagrams**, and IDEs like **Eclipse, STS** and **IntelliJ**.
- Experienced in utilizing **ChatGPT** to develop innovative solutions

### EDUCATION

**B.Tech** from  
Rcc Institute of Information Technology  
(**RCC-IIT**)  
2017-2020



# LIPIKA BARMAN

## JAVA BACKEND DEVELOPER

### Work History/Project Explanation *Cape Air/ Online Reservation System/ 2.4 years*

During my **2.4-year** tenure at **Cape Air**, I achieved the following milestones and contributions:

#### **API Development:**

- Developed RESTful APIs adhering to REST principles and best practices for an online flight reservation system.
- Implemented API endpoints using Spring MVC and Spring framework, enabling seamless communication between front-end and back-end systems.
- Utilized Spring Boot for accelerated development and enhanced productivity.
- Ensured data integrity and security with Spring Validation and Spring Security.
- Integrated JWT token-based authentication and authorization for secure API access.
- Employed OAuth and basic authentication for seamless integration with third-party APIs.
- Integrated third-party APIs such as SMS, email, and WhatsApp for enhanced functionality.
- Implemented Stripe payment gateway for secure online transactions.

#### **Database and Data Management:**

- Designed and managed database schemas using ORM and E-R diagrams.
- Leveraged Hibernate JPA for simplified database interactions.
- Utilized Java Collections for efficient data management.

#### **Coding and Development Practices:**

- Implemented Java 8 features like lambda expressions and the Stream API.
- Reduced boilerplate code using Lombok annotations.
- Employed OOPs concepts for scalable and maintainable code design.
- Implemented proper exception handling, including custom exception classes.
- Conducted unit testing with JUnit for high-quality code.

#### **Documentation and Validation:**

- Developed comprehensive API documentation using Swagger.
- Utilized Postman for testing and validation of RESTful APIs.

#### **Version Control and Collaboration:**

- Utilized Git and GitHub for version control and collaboration.

#### **Deployment and Hosting:**

- Deployed RESTful APIs on AWS services for QA environment.

#### **Agile Methodologies and Collaboration:**

- Followed Agile methodologies, including Scrum, for efficient project management.
- Collaborated with cross-functional teams and stakeholders to meet business requirements.

#### **Knowledge Sharing and Onboarding:**

- Provided knowledge transfer and onboarding support to new team members.