

**Contact: 7485078195**

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## **Java Backend Developer**

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### **Profile Summary:**

With nearly 1.5 year of experience in Java, Spring Boot, Hibernate, MySQL, and Microservices, I have worked as a Java backend developer, designing and implementing RESTful endpoints, handling HTTP requests and responses, and integrating with external APIs in both Windows and Linux platforms. My skills include installing, configuring, deploying, and maintaining applications, as well as managing logs and monitoring performance using tools such as Cloud Watch. Additionally, I have experience deploying databases on AWS EC2 Server. I have implemented security measures using Spring Security to ensure secure access to confidential customer data. I stay up-to-date with emerging technologies and aim to improve the performance, scalability, and security of the applications I work on.

### **Work Experience:**

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Company Name:- AU Small Finance Bank,

Internship:-Feb 2022 to May 2022

Duration:- June 2022 to June 2023

Designation: - Graduate Engineer Trainee

### **Project ,Roles and Responsibilities:**

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**Project Name 1 :- Tiny URL Generator** (October-2022 to February-2023).

❖ **Technology used :-** Java 17, Spring Boot 2.7, Spring Security 5.0, MYSQL, Hibernate, Log4j, AWS ,EC2, Cloud Watch.

❖ **My Responsibilities :-**

- Developed a scalable and performant backend using Java and Spring Boot on AWS.
- Designed and implemented REST APIs, integrating with external APIs and performing CRUD operations on a MySQL database using Hibernate.
- Ensured API security by utilizing Spring Security 5.0 and implementing token-based authentication.
- Implemented an in-memory database using Hibernate to improve data access performance.
- Optimized data retrieval efficiency by writing JPA queries with Hibernate and MySQL.
- Stored URLs and customer IP addresses for security and future reference.
- Demonstrated knowledge of AWS, EC2, load balancers, CloudWatch, and website hosting.
- Familiarity with Docker and containerization principles.

Overall, proficient in building scalable and secure backends with Spring Boot, Spring Security, Hibernate, and various databases.

- AES Encryption and Decryption is Implemented for security Purpose.

**Project Name 2 :- VT ID Generation in Video Banking and OTP generation**(March-2023 to June-2023).

❖ **Technology used :-** java 8,spring boot 2.7, Oracle DB, JWT, Java mail sender, Radis, Hibernate.

❖ **Description :-**

- Developed a API using Java, Spring Boot, and Oracle DB.
- In this project I developed API for video banking web app.
- Integrated features to enhance the video banker customer.
- If new customer visit in video banking site to open new Account when they enter 10 digit mobile number at that time 16 Digits Unique id is generated and save in Database .
- Implemented Java Mail Sender for automated email notifications.
- Employed Hibernate, an ORM framework, for seamless database interactions with Oracle DB.
- Incorporated the LDAP API to check the active status of bank employees.

- Maintained a comprehensive record of all bank employee data, indicating whether an employee was active or inactive.

### **Project Name 3: - Smart Contact Manager (March-2022 to May-2022)**

- ❖ **Technology used :-** Java, JSP, MYSQL, Hibernate HTML, CSS, Spring Boot, Spring Security, razor pay payment gateway.
- ❖ **My Responsibilities :-**
  - Designed and implemented a database schema to store contact details and donation information.
  - Developed a secure RESTful API using Java, Spring Boot, and Spring Security for creating, retrieving, updating, and deleting contact details.
  - Integrated Razor pay payment gateway to process donations.
  - Implemented features for users to view and update their contact details, make donations, and download data in PDF or Excel format.
  - Overall, contributed to the successful development of a Smart Contact Manager application, combining backend API development and user interface implementation.

### **Certification:**

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- IOT
- AWS Workshop.

### **Academics:**

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- B.Tech CSE :- 74.5% ( Maharishi Markandeshwar University, Ambala Mullana) (2018-2022)
- 12th (Bihar Board) (2016-18)
- 10<sup>th</sup> (NEB)(2014-2015)

### **Personal Details:**

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- Date of Birth :- 19 Dec1998
- Permanent Address :- Supaul, Pin Code- 852105 ,State- Bihar.
- Languages :- English, Hindi. Maithili, Nepali
- Contact Number :- 7485078195

### **Declaration:**

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I hereby declare that the information mentioned above is true to the best of my knowledge.