# Ashes Senapati

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## OBJECTIVE

**Java Developer with 1.8 years of experience in building secure and scalable applications using Java 11/17, Spring Boot, and PostgreSQL. Skilled in REST API development, authentication/authorization, and AWS integration. Passionate about writing clean code and delivering efficient backend solutions in Agile environments. .**

## SKILLS

- **Programming Languages:** Java (Core, Java 11/17), SQL, JSON
- **Frameworks & Web Technologies** Spring Boot, Spring Security, JPA/Hibernate, REST APIs, Gradle
- **Database Systems:** PostgreSQL, MySQL
- **Testing & Code Quality:** JUnit, JMeter, SonarQube, SonarLint
- **API & Tools:** Swagger, Postman, DTO/Payload, Spring Validation, Exception Handling
- **Version Control & Collaboration** Git, GitLab, Tortoise Git, Agile/Scrum
- **Cloud & Integration:** AWS (S3, SQS), Third-party API Integration
- **Other Tools & Technologies:** Debugging, Pagination, Repository Layer Implementation, Specification Pattern

## EXPERIENCE

- **ZKTeco Biometrics** *Jan 2024 – Present*
  *Java Developer* Bengaluru, India
  ○ Designed and developed RESTful APIs using **Java 11/17, Spring Boot, Hibernate/JPA, and Gradle**, ensuring scalability and maintainability.
  ○ Built and optimized repository layer with **PostgreSQL**, implementing **DTOs, pagination, and Spring Validation** for data integrity.
  ○ Integrated **AWS services (S3, SQS)**, third-party SMS/Email APIs, and collaborated with frontend teams for seamless integration.
  ○ Improved application quality with **JUnit testing, JMeter performance testing, and SonarQube/SonarLint** for static code analysis.
  ○ Contributed in an **Agile/Scrum** environment, ensuring timely delivery and collaboration across teams.

## PROJECTS

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**MinervaIoT Platform Services:** [Enterprise IoT Platform] *Feb 2024 – Present*
*Tools: [Java 11/17, Spring Boot, Hibernate/JPA, Gradle, PostgreSQL, Swagger, JUnit, JMeter, AWS (S3, SQS)]*

**Roles and Responsibility :**
* Designed and developed **RESTful APIs** for core platform services including Authorization, Organization, Location, Credential Management, and Notification.
* Implemented **DTOs, pagination, Spring Validation, and custom exception handling** to ensure robust and scalable APIs.
* Created and optimized **repository layer with PostgreSQL**, enabling efficient and secure data persistence.
* Generated clear API documentation with **Swagger** and conducted **unit testing (JUnit)** and **performance testing (JMeter)** to validate reliability.
* Integrated **third-party APIs (SMS/Email)** and AWS services (**S3, SQS**) for enhanced platform capabilities.
* Contributed in an **Agile/Scrum** environment, collaborating with cross-functional teams for iterative feature delivery.

## EDUCATION

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**Biju Pattanaik University** *Aug 2020 - May 2024*
*B.Tech (CSE)* Rourkela, Odisha
· GPA: 7.4/10
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**Simulia Junior College** *2018 - 2020*
*Intermediate* Simulia, Odisha
· Percentage: 67% (**Maths 90%**)

## ACHIEVEMENTS

HackerRank: **4 Star in Python, 4 Star in Sql, 3 Star in Problem Solving**
Leetcode: **Pandas and DSA**