# Shuvashree Baisya

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## EXPERIENCE

### Associate Software Developer | PwC, Kolkata| June 2023 – Present

- Developed pricing engines using **Java** and Groovy for global E-Commerce clients. Built and optimized Maven build processes and **CI/CD pipelines** with Git. Designed and executed **APIs** using **SQL** queries for extracting insights on global **Pricing s**trategies.
- Contributed to successful **Go-Lives** in **Rwanda**, **Egypt**, and **Serbia which increased their** B2B generation revenue by 12%
- **Key Technologies**: Java, Groovy, PriceFx, Springboot, Redis

### Associate Software Engineer Intern | HighRadius Corporation| March 2022 - Nov 2022

- Developed and executed **Selenium**-based automation scripts using Java . Managed builds with Maven, version control with Git, and CI/CD via **Jenkins**. Constructed a **dashboard** with multiple tabs pagination and navigating, search **API**, multiple charts.
- Engineered the ML models in **React.js** app , reducing customer escalations by around 15% .
- **Key Technologies:** React, Java, Python, Machine Learning,Selenium, Jenkins

### FrontEnd Developer Intern | Hackerkernel | Sep 2021 - Dec 2021

- Developed and implemented mobile application pages for food delivery agents using Flutter. Collaborated with the team to ensure seamless user experience and efficient app functionality. Improved **UI/UX** responsiveness, resulting in a **20%** faster page load time. Optimized app performance, reducing memory usage by approximately **15%. Key Technology**: Flutter

## PROJECTS

### Simple Cloud Storage | Java, Spring Boot, React, AWS S3

- **Developed a monolithic full-stack file Storage Platform** with secure upload, download, and versioning features using **Java/Spring Boot** and **React**.
- Built RESTful APIs with **Spring Boot** and integrated **AWS S3** for storage and version control.Built and secure **RESTful APIs** with Spring Boot, integrating **AWS S3** for scalable storage and version control.
- Implemented based **login** and registration for user authentication and security.Crafted responsive frontend with **React**, **Material UI**, and **Tailwind CSS**.

### Fitness Tracker (AI-Powered Microservices) | Java, Spring Boot, Kafka, Gemini API, Microservices, React

- **Architected and developed** a **Microservices-based** Fitness Tracking platform to manage user activities and generate personalized recommendations. Used **PostgreSQL and MongoDB** for different services.
- Implemented **asynchronous communication** between services using **Apache Kafka** to reliably process **real-time activity** data and decouple system components. Implemented an **API Gateway (like Spring Cloud Gateway)** to centralize request **routing, security, and rate limiting** across all microservices.
- Integrated the **Gemini API** to power an **AI Recommendation Service**, providing users with workout suggestions .
- Developed **core services** with **Spring Boot** and leveraged concepts like **Service Discovery (Eureka)** to ensure system **resilience and scalability**. Built the user-facing application using **React**, providing a full-stack demonstration of distributed system design.

## EDUCATION

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| **B.Tech in Information Technology KIIT University, Bhubaneswar** | CGPA**: 9.01**/10  July **2019 -**April **2023** |

## TECHNICAL SKILLS

**Languages**: Java, Groovy, JavaScript, HTML, CSS
**Tools**: Git, Maven, Jenkins, Postman, JIRA, Selenium
**Concepts**: REST APIs, JWT, CI/CD, Agile

**Cloud** & DB: AWS S3, MySQL, SQL
**Frameworks**: Spring Boot, React