Santos Kumar Biswal

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SUMMARY

Aspiring Java Developer with hands-on experience in building full-stack applications using Java, Spring Boot, Spring Security, and MySQL. Skilled in developing REST APIs, implementing secure authentication, and optimizing database operations. Strong foundation in object-oriented programming and software design principles, with proven ability to deliver working solutions in hackathons and real-world projects.

SKILLS

- **Programming Languages:** Java (Core Java, OOP)
- **Frameworks:** Spring Boot, Spring Security, Spring Data JPA, Thymeleaf, Bootstrap
- **Web Technologies & Libraries:** HTML, CSS, JavaScript, React.js
- **Database Technologies:** SQL, MySQL
- **Tools & Platforms:** Git, GitHub, Docker, Postman, IntelliJ IDEA, Spring Tool Suite, VS Code
- **Core Competencies:** RESTful API Development, MVC Architecture, Authentication & Authorization, Database Design, Responsive UI Development

PROJECTS

- **HireHub – Job Portal System ([GitHub](#))**
  Tech used: *Java 17, Spring Boot, Spring Security (JWT), Spring Data JPA, REST API, MySQL, Maven, Lombok*
  - Developed a secure, role-based Job Portal backend supporting Job Seekers, Employers, and Admin modules.
  - Implemented **JWT-based authentication & authorization**, ensuring protected access for user roles.
  - Built robust **REST APIs** for job postings, job applications, resume upload/download, and profile management.
  - Designed a scalable backend architecture using **Spring Boot + JPA (Hibernate)** for efficient database access.
  - Integrated CORS and structured API endpoints for seamless communication with a React frontend.

- **ElectroMart- eCommerce Website ([GitHub](#))**
  Tech used: *Java, Spring Boot, Spring Security, Spring Data JPA, MySQL, HTML, CSS, JavaScript, Bootstrap, Thymeleaf*
  - Developed a responsive e-commerce platform for electronic products with secure **user authentication** and **role-based access** for admin and customers.
  - Built an **Admin Dashboard** to manage categories, products, users, and orders with CRUD functionality.
  - Integrated **Spring Data JPA** for efficient persistence and optimized MySQL queries to improve data handling speed by 30%.
  - Designed intuitive workflows for product listing, cart, and checkout to ensure a smooth and user-friendly shopping experience.

- **Expense Tracker Web Application ([Github](#))**
  Tech used: *ReactJS, Tailwind CSS, React Context API, Recharts, jsPDF*
  - Built a full-featured expense tracking **dashboard** with income/expense visualization via charts.
  - Implemented dynamic filtering, transaction search, and **PDF report** generation using jsPDF.
  - Managed state globally through **React Context API** and LocalStorage for persistent data.

EDUCATION

Bachelor of Technology in Computer Science Engineering (AI & ML) - **CGPA - 7.24**   (2022 - 2025)
Trident Academy of Technology,Bhubaneswar, Odisha

Diploma in Information Technology - **72.96%**   (2020 - 2022)
Government Polytechnic, Bhubaneswar, Odisha

EXPERIENCE & ACHIEVEMENTS

- **Finalist-Smart India Hackathon 2023:** Participated in the Grand Finale, collaborated within a team of five to develop a real-time data visualization dashboard using JavaScript during a 36-hour hackathon
- **College-Level Hackathons:** Competed in 3 inter-departmental and intra-college hackathons, showcasing problem-solving and teamwork skills.

CERTIFICATION

- **Java Full Stack Development:** Code for Success ([certificate](#))
- **Core Java:** Internshala ([certificate](#))
- **Programming in Java:** NPTEL-Scored 64% ([certificate](#))