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, Visual Studio Code, Spring Tool Suite, Postman
- **Core Competencies:** RESTful API Development, Authentication & Authorization, MVC Architecture, Database Design, Responsive Web Application Development

PROJECTS

- **ElectroMart- eCommerce Website** ([GitHub](#))
  Tech used: Java, Spring Boot, Spring Security, Spring Data JPA, MySQL, HTML, CSS, JavaScript, Bootstrap, Thymeleaf
  - Developed a responsive eCommerce platform where users can browse electronics, register, log in, and place orders.
  - Implemented an **Admin Module** to manage categories, products, users, and orders, with secure authentication and authorization using **Spring Security**.
  - Utilized **Spring Data JPA** for efficient database operations and **MySQL** for persistent data storage.
  - Designed intuitive workflows for product listing, cart, and checkout, ensuring a smooth user experience.

- **QuizzyNest - Online Quiz Web Application**([Github](#))
  Tech used: Java, Spring Boot, Spring Security, Spring Data JPA, MySQL, HTML, CSS, JavaScript, Bootstrap, Thymeleaf
  - Created a quiz platform allowing users to register, log in, select quiz categories, and attempt timed quizzes.
  - Implemented **Admin Features** to manage categories, questions, and user quiz results.
  - Added functionality for quiz retakes.
  - Maintained **Recent Activity Logs** to track user and admin actions for analytics and security.

- **Expense Tracker Web Application**([Github](#))
  Tech used: ReactJS, Tailwind CSS, React Context API, Recharts, jsPDF
  - Built a responsive web app to track and visualize income and expenses with dynamic dashboards and charts.
  - Developed transaction management and monthly reports with filters, search, and PDF export.
  - Managed global state using React Context API with LocalStorage.

EDUCATION

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

Diploma in Information Technology - **72.96%**   (2020 - 2022)
Govt. 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

- **Programming in Java** – NPTEL (64%)
- **Core Java** – Internshala (Nov 2023)