

Suraj Biswal

Bhubaneswar, India

+91 9938790523 | surajbiswal390@gmail.com | [LinkedIn](#) | [GitHub](#) | [LeetCode](#)

Work Experience

Sustainable Outreach Universal Leadership Limited Software Engineer

Bhubaneswar, Odisha
Feb 2024 - Present

- Achieved 95% **client satisfaction** by actively contributing to **Agile** sprints: translated requirements into features, documented processes, and presented regular **client demos**.
- Engineered a secure **authentication system** using **JWT** and **OAuth2** with **Spring Security**, resulting in a 30% increase in login success rate and significantly reducing user complaints.
- **Automated** 60% of manual booking operations by building a **full-stack online booking system** for the **Odisha Government**, improving service delivery and operational efficiency.
- Applied **OOP** and **clean code principles** to develop scalable, maintainable, and efficient systems.
- Built seamless **digital services** by integrating **third-party APIs** and **payment gateways**, and enhanced backend efficiency by 30% through **advanced caching** mechanisms and performance tuning.
- Identified and resolved **performance bottlenecks** via testing and **profiling**, improving system responsiveness by 20%.
- Designed accessible, interactive **UI/UX** in **Figma** and built **modular, reusable React components**, boosting development speed and ensuring **W3C accessibility compliance**.
- Presented technical solutions and project updates, **improving stakeholder communication** by 70%.

Skills

Languages:	Java, Sql, JavaScript, HTML, CSS
Frameworks:	Spring Boot, JPA, Hibernate, React, Tailwind
Software Engineering:	Algorithms, Data structures, OOP, Databases, Microservices, Design patterns, SDLC
Tools & Technologies:	Git, Figma, Debugging, Docker, Unit testing, MySQL, Optimization, Postman
Soft Skills:	Client Communication, Cross-functional Collaboration, Leadership

Projects

RouteMate: Ride-sharing Application *Spring Boot | JWT | PostgreSQL | PostGIS | Swagger UI | AWS* [\[Code\]](#)

- Built a **high-performance** ride-sharing backend, optimizing **ride-matching** to cut wait times by **50%**.
- Handled the **booking system** with concurrency control, implemented role-based authentication using Spring Security, and integrated PostGIS for **live location tracking** along with a **wallet** system for seamless payments, resulting in a 45% improvement in booking.

EmailGenie: AI-Powered Email Reply Generator *ReactJS | Material UI | JAVA | Gemini API* [\[Code\]](#)

- Developed an **AI-powered Chrome extension**, automating Gmail replies with **Gemini AI**, boosting email response efficiency by 90% and reducing manual effort by 70%.
- Integrated **direct reply insertion** in Gmail with **customizable tones**, increasing user **productivity by 90%**.

Open Space Ownership and Management Project *Spring Boot | ReactJS | Redux | JPA | MySQL | Postman | Redis*

- Built a scalable Facility Management **web platform** to **discover, register, and book open spaces**, enabling users to **host or join events**, manage facilities, and interact seamlessly with **real-time updates**.
- Developed **Booking APIs** with **CRUD, validation, and concurrency handling**; redesigned homepage with real-time updates and **responsive UI**, improving reliability by 40%, **reducing latency**, and boosting engagement by 35%.

Achievements

- Achieved a **3-star** LeetCode rating, demonstrating algorithmic proficiency with **10,000+** interactions on coding solutions.
- Solved **400+** **advanced DSA** problems, **optimizing algorithms & data structures**.

Education

KIIT University, Bhubaneswar
Master of Computer Applications (CGPA: 8.31)

Oct 2022 - May 2024