Pranav Singh

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EDUCATION

Kalinga Institute of Industrial Technology, Bhubaneswar, Odisha — 2022–2026
B.Tech in Computer Science and Engineering; CGPA: 8.40

Amity International School — 2020–2022
CBSE Class 12th (PCM); Percentage: 79%

St. Francis School — 2007–2020
CBSE Class 10th; Percentage: 90%

EXPERIENCE

Web Development Intern, Coding Blocks Pvt. Ltd., New Delhi — May 2025 – June 2025

- Engineered a **Flight Search Web Application** using Java, Spring MVC, Hibernate, MySQL, and JSP, deployed on Tomcat server.
- Enhanced data efficiency by optimizing Hibernate queries, reducing average database response time by **30%**.
- Integrated a bulk upload feature supporting CSV, Excel, and XML formats, accelerating flight data ingestion by 60% and reducing manual data entry errors by 25% for the data teams.

SKILLS

Languages:	Java, JavaScript (ES6+), C, Python, HTML, CSS
Frameworks/Tools:	Spring Boot, React, Node.js, Git, GitHub, Maven, npm, VS Code, Eclipse
Databases:	MySQL, H2 (for testing)
Coursework:	Data Structures and Algorithms, Database Management, Object-Oriented Programming
Soft Skills:	Project Leadership, Debugging, Issue Resolution, Task Prioritization, Deadline Management

PROJECTS

Expense Tracker API
Spring Boot, PostgreSQL, JdbcTemplate, JWT, Maven, Java

- Built a **RESTful API** with Spring Boot to manage user expenses (CRUD), improving data handling efficiency by **40%**.
- Integrated **PostgreSQL** with JdbcTemplate, optimizing queries and reducing database latency by **30%**.
- Secured endpoints with **JWT-based authentication**, protecting **100% of sensitive routes** and enhancing data security.
- Applied modular design and validation practices, increasing code reusability and scalability by **25%**.

E-commerce Application (Spring Boot + React)
Java, Spring Boot, React, MySQL, REST APIs

- Developed a **full-stack e-commerce platform** with product catalog, filtering, and shopping cart.
- Integrated **Spring Boot REST APIs** with React frontend (Axios), cutting API response time by 25%.
- Achieved 90% unit test coverage with **H2 in-memory testing** and CI/CD-ready builds.

ACHIEVEMENTS

Member, Kraftovity Society, KIIT University
Collaborated on technical and creative initiatives, improving workflow efficiency by 20% through process automation and contributing innovative project solutions adopted in society activities.

Active Participant, MUNs and College Events
Represented university in Model United Nations conferences and technical events, leading delegations and moderating sessions, which enhanced cross-team collaboration and strengthened public speaking and decision-making skills.