

# Suhani Dwivedi

Bhubaneswar, Odisha

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## Summary

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Computer Science undergraduate with hands-on experience building **Java-based automation tools, ML-backed Python systems, and React-driven web interfaces**. Completed industry internships across enterprise and academic environments, working on **security compliance, data analysis, and backend-focused development**. Comfortable with **SQL databases, Git workflows, and cloud fundamentals**. Seeking a **Software Engineering internship** focused on building reliable, real-world applications.

## Technical Skills

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Languages	Java, Python, C, JavaScript
Web	React, HTML5, CSS3, Responsive Design
Backend	REST APIs, Flask (Python), Spring fundamentals (Java)
Databases	SQL, MySQL
Cloud & DevOps	Azure fundamentals, Docker basics, CI/CD concepts
Tools	Git, GitHub, Linux CLI, Postman
Core CS	Data Structures, Algorithms, OOP

## Experience

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**IT Intern — Hindalco Industries Ltd.** May 2025 – Jun 2025

- Built a Java-based automation tool covering **4+ system security checks** including antivirus, firewall, and OS updates.
- Designed modular validation logic and integrated **MySQL** for persistent compliance logging.

**AI Intern — Edunet Foundation (AICTE & Microsoft)** Jun 2025 – Jul 2025

- Developed Python-based ML pipelines involving preprocessing, feature selection, and evaluation.
- Built a lightweight **Streamlit** interface to visualize model outputs.

**Web Development Intern — VaultofCodes** Oct 2025 – Nov 2025

- Developed multiple responsive UI components using **React, HTML, CSS, and JavaScript**.

## Projects

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**Cyber Hygiene Compliance Checker (Java, MySQL)**

- Automated **4–5 system compliance checks** and generated structured audit reports.

**Crime Risk Analysis System (Python)**

- Implemented a Random Forest–based classification system using multiple crime-related features.

**AI Career Path Recommender**

- Built a rule-based and ML-assisted recommendation system using academic and skill-based inputs.

## Education

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**B.Tech in Computer Science & Engineering** 2023 – Present  
Kalinga Institute of Industrial Technology (KIIT)

## Certifications & Achievements

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Java Programming (HackerRank) — Frontend Development (Meta) — Cisco Networking (AICTE) — Zonal-level Olympiad Medalist