

# Devanshi Sood

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## Summary

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Emerging Software Engineering Professional with a recent internship at Zirocraft Technologies. Proven ability to collaborate effectively in a team environment. Notable projects include training AI models and designing sustainable development plans. Motivated to leverage experience in software design and research to support platform development with high-quality and secure solutions.

## Skills

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**Technical:** R, Python, Java, JavaFX, HTML, CSS, Adobe Photoshop, Qiskit, Data Structures Knowledge, OOP Principles

**Interests:** National-level Breaststroke Swimmer, Ballet dancer, Volunteer at Women's Cancer Center

## Work Experience

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### Zirocraft Technologies Pvt Ltd.

Remote

NBC Framework Development Intern

Apr 2023 - Aug 2023

- Trained AI Models to analyze satellite imagery from existing satellites to provide transparent monitoring of carbon sequestration setups, leveraging Python for scripting and data processing.
- Conducted research on the Indian carbon markets and compiled data reports on industry trends for use in strategic planning with a strong emphasis on data structures for organizing information.
- Collaborated with my reporting manager and other team members to develop the Project Design Document (PDD) for the Carbon Project, utilizing Object-Oriented Programming (OOP) principles to structure development tasks.
- Designed cohesive sustainable development plans that can be supported by pre-existing technology for companies looking to expand operations.
- Analyzed developmental goals, assessing their impact on local communities, indigenous flora, fauna, and the environment through on-site data collection.

### World Bank

Remote

Sustainable and Inclusive Finance Interns

May 2023 - Aug 2023

- Designed cohesive sustainable development plans that can be supported by pre-existing technology for companies looking to expand operations.
- Analyzed developmental goals, assessing their impact on local communities, indigenous flora, fauna, and the environment through on-site data collection.

### CanConnect

Founder & developer, incubated at Indian Institute of Tech.

Apr 2022 - Present

- Created an integrated social app to form a proactive & involved support system for cancer patients, their families, and healthcare workers all over India.
- Collaborated and negotiated tie-ups with large NGOs and hospitals to generate funding and reached 500 users in a month post-launch.
- Piloted campaigns to help integrate HPY vaccination under the plan for national immunisation using this platform.

### The Septagon

Founder, Writer, Lead editor and designer

Sep 2021 - Present

- Led the development of a zine focused on socio-economic, political, and philosophical topics.
- Conducted in-depth research and comparative studies to explore the intersections between human cognition, perception, and various media forms.

## Education

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### Georgia Institute Of Technology

BS, Computational Media- Computer Science and Interactive Design

Aug 2023 - May 2027

### IBM Qiskit Global Summer School

Quantum chemistry simulations and quantum machine learning

June 2024 - July 2024

### Quantum Computing, AI Training and Launchpad-Womanium

Quantum Algorithms & Programming- generative quantum eigensolver (GQE) and its application for ground state search, Hidden subgroup implementation with Classiq

May 2024 - September 2024

### Heritage Experiential Learning School

May 2023