

# SOURAV SWAIN

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## SUMMARY

A recent civil engineering graduate with Python full-stack training, seeking entry-level development or analyst role. Having skills in Python, Django, SQL and web development.

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## EDUCATION

### Centurion University of Technology and Management

Bhubaneswar, Odisha | 2024

- Bachelor of technology in Civil Engineering CGPA: 7.63
- Relevant course – Machine learning using python, Database Management System, Data Analysis and Visualization using python.

### Nilachal Polytechnic

Bhubaneswar, Odisha | 2024

- Diploma in Civil Engineering CGPA: 7.63

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## TECHNICAL SKILLS

**Programming Languages:** Python, JavaScript

**Front-End:** HTML, CSS, Bootstrap, Tailwind CSS

**Back-End:** Django

**Database Management:** SQL

**Version Control:** Git

**Familiar with OS:** Windows, Android

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## PROJECTS

### Auto Reply Bot | Python | PyAutoGUI, Google Gemini AI | [Link](#)

*\*Developed an intelligent chat automation system that monitors conversations and generates contextually appropriate responses using Google's Generative AI.*

*\*Implemented GUI automation using PyAutoGUI to interact with chat interfaces, enabling seamless message selection, analysis, and response generation without human intervention.*

*\*Created a customizable AI personal system that allows the bot to mimic specific individuals with defined characteristics and communication styles.*

*\*Improved response time and availability in chat environments by providing 24/7 automated intelligent responses, enhancing user engagement and satisfaction.*

### TasteHaven Food Delivery Website | HTML5, CSS3, JavaScript | [Link](#)

*\*Designed and developed a responsive food delivery website frontend with an intuitive and visually appealing UI for browsing and ordering food online.*

*\*Implemented key functionalities including responsive navigation, search system, food category filtering, scrollable recommendations carousel, and detailed menu display.*

*\*Created a mobile-first design with CSS variables for consistent theming, Flexbox/Grid layouts, and jQuery for enhanced UI interactions.*

*\*Incorporated modern web design principles to ensure seamless user experience across all device sizes, improving engagement and accessibility.*

*\*Utilized semantic HTML, modular CSS, and efficient JavaScript to create a scalable and maintainable codebase.*

## **Student Management System | Django, Python, Bootstrap, SQLite | [Link](#)**

*\*Developed a comprehensive Student Management System using Django framework to streamline student information management in educational institutions.*

*\*The system provides a user-friendly interface for administrators to perform CRUD operations on student records.*

*\*Implemented secure student registration system with form validation.*

*\*Developed responsive student list view with card-based layout.*

*\*Created detailed student profile pages with all relevant information.*

## **Hospital Management System (Receptionist Interface) | Django, Python, SQLite3, HTML5, CSS3 | [Link](#)**

*\*Developed a comprehensive Hospital Management System to streamline hospital operations and improve patient care management.*

*\*The system features a modern, user-friendly interface with robust patient management capabilities and administrative tools.*

*\*Implemented comprehensive patient registration system.*

*\*Developed patient history tracking functionality.*

*\*Designed modern, responsive interface.*

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## **CERTIFICATION**

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- The Complete Python Masterclass – Udemy (Aug 2024)
- Responsive Web Design Certification – freeCodeCamp (Dec 2024)
- Python 101 for Data Science – IBM Cognitive Class (Dec 2024)

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## **ACHIEVEMENTS**

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- IBM Skills Network - Python for Data Science - Foundational Badge - 17th December 2024

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## **DECLARATION**

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- I hereby declare that the above information is true and correct to the best of my knowledge and belief.