

# NITEN SWAIN

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## PERSONAL DETAILS:

- Date of Birth: 08/11/2000
- Nationality: INDIAN
- Languages known: English, Hindi, Odia

## SUBJECTS OF INTEREST:

- Cyber security

## Extracurricular Activities:

- Participated in weekly coding challenges and hackathons, Focusing on problem -solving and algorithm optimization.
- Playing chess and football.

## CERTIFICATION:

- Certified Web Developer, ERA DIGITAL

## TECHNICAL SKILLS:

- Programming Languages: **JavaScript**, **Python** (Django, pandas), java
- Web Technologies: Hypertext Markup Language (HTML), Cascading Style Sheets (CSS), **PHP**: Hypertext Preprocessor (PHP), React.js, Node.js, Express.js,
- Databases: **MySQL**
- Tools & Platforms: GitHub, VS Code
- Other Skills: Data Structures, Algorithms

## EXPERIENCE:

### WEB DEVELOPMENT INTERN (07/2023 - 08/2023)

ERA DIGITAL, Bhubaneswar, Odisha

- Web development skills, including working on front-end technologies.
- Developed and implemented front-end features for multiple bootcamp/academic projects using React.js (a JavaScript library for building user interfaces), following Agile development practices. Incorporated user feedback during sprints to iteratively enhance navigation and user engagement, resulting in improved interactive elements and smoother user experience.
- Collaborated with a 6-member design team using Figma and iterative design principles to refine UI/UX. Conducted A/B testing on design prototypes to identify the most effective elements, resulting in a 15% improvement in user satisfaction and positive feedback from project reviewers.

## OBJECTIVE:

Aspiring Software Developer with a robust background in Python and Core PHP, alongside strong web development skills. Eager to apply my knowledge of Artificial Intelligence and Machine Learning to solve complex problems and drive innovation in a dynamic technological environment.

## EDUCATIONS:

**MASTER OF COMPUTER APPLICATION** CGPA:**7.91**  
SOA UNIVERSITY, BHUBANESWAR (2022-2024)

**B.Sc.** | K.S.U.B. COLLEGE, BHANJANAGAR CGPA:**7.5**  
(2018-2022)

**12th SCIENCE** | K.S.U.B. COLLEGE PERCENTAGE:**61%**  
BHANJANAGAR (2016-2018)

**10th** | PCP HIGH SCHOOL, LEMBHAI PERCENTAGE:**81%**  
(2015-2016)

## PROJECTS:

- **Portfolio Website | Personal Project**
  - Engineered responsive web applications using **HTML5**, **CSS3** (Flexbox, Grid), and **JavaScript**, ensuring optimal performance and cross-platform compatibility in mobile and desktop environments.
  - Integrated a dynamic contact form with backend services using **Django** and **pandas**, utilizing RESTful APIs to securely transmit data. Enhanced client-side validation using JavaScript and Ajax, reducing form submission errors by 30%, and improving data integrity for user transactions.
- **TASK MANAGEMENT WEBSITE | Academic project**
  - Using **HTML**, **CSS** and **JavaScript**.
  - Built a task management website using **React.js** for the front-end, Flask for the backend, and **MongoDB** for database management. Implemented JWT authentication to secure user data and utilized **MongoDB's** aggregation framework to optimize task query operations, reducing retrieval time by 20%.
- **HOSPITAL MANAGEMENT SYSTEM | Academic project**
  - Designed and implemented dynamic content updates for the Hospital Management System using **HTML**, **CSS**, and **JavaScript**, utilizing AJAX to fetch and display data asynchronously. This reduced page reloads and improved overall user interaction speed.
  - Design a backend system using **PHP** and **MySQL**, deployed on **XAMPP**, to manage hospital records efficiently. Integrated **TCPDF** to automatically generate patient reports in PDF format, streamlining report creation and reducing manual effort by 40%
- **Student Result Analysis | Bootcamp project**
  - Developed the Student Result Analysis platform using **HTML**, **CSS**, and **JavaScript**, implementing DOM manipulation to dynamically display results. Enhanced the UI with **Bootstrap** for a cleaner interface, improving user satisfaction by 25% based on feedback.
  - Developed a backend system using **PHP** and **MySQL**, deployed on **XAMPP**.