

# Niten Swain

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## OBJECTIVE

Aspiring Software Developer with a robust background in java, spring Boot, python and 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.

## WORK EXPERIENCE

- **WEB DEVELOPMENT INTERN** 07/2024 - 09/2024  
**ERA DIGITAL**
  - **Enhanced** frontend interfaces using React.js, HTML5, and CSS3, leading to a 30% **increase in user engagement** and smoother UX across devices.
  - **Built and optimized** server-side logic with Django and MongoDB, reducing API response times by 25%, which improved page load speeds significantly.
  - **Integrated** RESTful APIs with frontend systems and ensured data flow integrity, contributing to a 15% **decrease in reported bugs** during QA testing.
- **Java Full Stack INTERN** 4/2025 - Continuing  
**Zidio Development (Remote)**
  - Contributed to the design and development of scalable, secure web applications using Java, Spring Boot, and React.js as part of projects.
  - Collaborated in a cross-functional Agile team to deliver full-stack solutions, participating in all SDLC phases using tools like Git and REST APIs for backend integration.

## EDUCATION

<b>SOA UNIVERSITY, Bhubaneswar</b> MASTER OF COMPUTER APPLICATION- <b>7.91CGPA</b>	Nov 2022 - Oct 2024
<b>K.S.U.B. COLLEGE, Bhanjanagar</b> B.Sc. - <b>7.5 CGPA</b>	2018 - 2022
<b>K.S.U.B. COLLEGE</b> 12th SCIENCE - <b>61%</b>	2016 - 2018
<b>PCP HIGH SCHOOL, LEMBHAI</b> 10th - <b>81%</b>	2015 - 2016

## PROJECTS

- **Portfolio Website| Personal Project**
  - **Responsive Web Development:** Built a modern, responsive personal portfolio using **HTML5, Tailwind CSS, and JavaScript**, optimized for smooth performance across mobile and desktop platforms.
  - **Frontend Animation & UX Enhancements:** Leveraged **GSAP and AOS** to create rich animations and interactive scrolling effects, improving user engagement and visual appeal.
  - **Backend Development & Data Handling:** Developed backend services with **Spring Boot and MySQL** to handle contact form submissions and manage data securely. Ensured seamless client-server communication with clean **RESTful API** integration.
- **TASK MANAGEMENT WEBSITE | INTERNSHIP project**
  - **Web Development:** Proficient in **HTML, CSS, and JavaScript** for building responsive and dynamic interfaces.
  - **Full-Stack Project Implementation:** Developed a **task management system** with **React.js, Flask, and MongoDB**, incorporating JWT authentication for secure user data. Optimized task queries using **MongoDB aggregation**, achieving a **20% faster retrieval time**.
- **HOSPITAL MANAGEMENT SYSTEM | Academic project**
  - **Dynamic Content Optimization:** Enhanced user interaction for a **Hospital Management System** using **HTML, CSS, JavaScript, and AJAX**, reducing page reloads and improving speed.
  - **Backend Development & Automation:** Built a backend system with **PHP and MySQL**, deployed via **XAMPP**,

integrating **TCPDF** to auto-generate patient reports, cutting manual effort by **40%**.

➤ **Expense Tracker Web Application| Academic project**

- Developed a full-stack expense tracking web app with features like transaction history, monthly summaries, recurring payments, and budget management using **Spring Boot (REST APIs)**, React.js, and **MySQL**.
- Built user-friendly dashboards with authentication, role-based access, and admin panels for managing users, categories, and transactions.

## SKILLS

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- **Programming Languages & Frameworks:** Python, PHP, **java**, **spring boot**, JavaScript (React.js, **Angular**, Node.js.)
- **Databases:** NoSQL (MongoDB), **MySQL**
- **Architectural Knowledge:** currently learning Microservices Architecture
- **Deployment:** Git, currently learning AWS, CI/CD pipelines

## CERTIFICATE

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- Certified Web Developer, ERA DIGITAL
- AWS APAC Solutions Architecture

## SUBJECTS OF INTEREST

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- Machine Learning & Artificial Intelligence (AI) Data Science
- Data Analytics

## Extracurricular Activities

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- Passionate chess player with strong strategic and problem-solving skills developed through regular practice and competition.
- Avid follower of global sports, especially football; actively track tournaments, match analysis, and team strategies.
- Deeply engaged in world geopolitics and international relations; regularly follow global affairs and read opinion pieces to stay informed.

## PERSONAL DETAILS

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