Niten Swain

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OBJECTIVE

Aspiring Software Developer with expertise in Python, Shell Scripting, and backend systems. Eager to leverage automation, job scheduling (Autosys), and CI/CD practices to build scalable solutions in dynamic environments.

WORK EXPERIENCE

ERA DIGITAL| Bootcamp | WEB DEVELOPMENT   **07/2024 - 09/2024**

Back-End Development Expertise: Skilled in backend technologies like Django and MongoDB, with hands-on experience in developing and optimizing server-side functionalities. Developed cron jobs (Shell Scripts) for automated database backups and task reminders. Deployed using CI/CD pipelines on AWS, ensuring seamless updates.

EDUCATION

SOA UNIVERSITY, ITER College, Bhubaneswar, Odisha
MASTER OF COMPUTER APPLICATION- **7.91CGPA**   Nov 2022 - Oct 2024

B.Sc. **|** K.S.U.B. COLLEGE, Bhanjanagar **|** 7.5 CGPA   2018 – 2022
12th SCIENCE **|** K.S.U.B. COLLEGE **|** 61%   2016 – 2018
10th **|** PCP HIGH SCHOOL, LEMBHAI **|** 81%   2015 – 2016

PROJECTS

➢ **TASK MANAGEMENT WEBSITE | Bootcamp 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**, Scripted report generation **(Python + Shell)** to automate patient data processing, reducing manual effort.

SKILLS

- **Programming Languages & Frameworks: Python**, PHP, **java**, JavaScript (React.js, **Angular**), **Shell Scripting**
- **Frameworks:** Django, Spring Boot
- **Databases:** NoSQL (MongoDB), **MySQL**
- **Tools**: **Git**, currently learning **AWS**, Kubernetes, CI/CD pipelines, **Autosys**

CERTIFICATE

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

SUBJECTS OF INTEREST

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

Extracurricular Activities

- Playing chess, watching sports (especially **football**), World geopolitics and international relations.

PERSONAL DETAILS

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