SHAKTI SWAROOP NAYAK

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@shaktissn Shakti Swaroop Nayak

SKILLS

- **Java**
- **HTML, CSS, Javascript**
- **Python**
- **C Programming**

EDUCATION

- **Computer Science and Engineering | Government College of Engineering, Keonjhar**
  CGPA*: *8.3* | *(2024)
- **XII (CHSE, Odisha) | Gayatri Residential Higher Secondary School, Keonjhar**
  76.5%* | *2024
- **X (ICSE) | Nirmala Convent School, Keonjhar** ***89.5% | 2022***

EXPERIENCE

- **Internship on Artificial Intelligence and IBM Cloud Technologies | Edunet Foundation in collaboration with IBM.**

  Completed a 4–6 week virtual internship focused on Artificial Intelligence, Machine Learning and IBM Cloud Technologies. Gained hands-on experience with IBM SkillsBuild platform, Cloud Computing concepts, and AI/ML model using Python. Worked on real world problem statements, applying AI/ML techniques and deploying solutions on IBM Cloud. Earned an industry-recognized certification and digital badge from IBM and Edunet Foundation.

- **Internship on Front-End Web Development | Edunet Foundation in collaboration with AICTE.**

  Completed a 6-week intensive internship program focused on Front-End Web Development. Gained hands-on experience with HTML, CSS, JavaScript, and modern frameworks for building responsive web interfaces. Developed and deployed interactive web pages emphasizing user-friendly design and performance optimization. Collaborated on real-world projects that enhanced understanding of UI/UX principles, version control (Git), and debugging techniques. Received certificate of completion from AICTE & Edunet Foundation for successful participation and engagement.

ACADEMIC PROJECTS

❖ Power System Fault Detection And Classification

- Designed and deployed a system to detect and classify faults in power systems (single-line-to-ground, line-to-line, double-line-to-ground, three-phase).
- Implemented AI/ML models on IBM Cloud to analyse three-phase voltage and current data for accurate fault diagnosis.
- Built and trained classification models to distinguish between normal operation and multiple fault conditions.
- Leveraged cloud-based deployment for scalability, remote access, and real-time analysis of fault data.
- Enhanced power system reliability by providing faster and more automated fault detection and classification.

❖ Interactive Portfolio Website

- Designed and developed a fully responsive personal portfolio website using HTML, CSS, and JavaScript.
- Implemented AI/ML models on IBM Cloud to analyse three-phase voltage and current data for accurate fault diagnosis.
- Showcased personal skills, projects, and achievements through a clean and professional UI/UX layout.
- Focused on mobile-first design, accessibility, and performance optimization for cross-device compatibility.
- Deployed the project on the web, demonstrating proficiency in front-end technologies and creative design principles.

CERTIFICATIONS

- ❖ **Getting Started with Artificial Intelligence From IBM**
- ❖ **Python Essentials 1 from Cisco**
- ❖ **Python for Beginners: Data Structures From Coursera**
- ❖ **Basics of Python From Infosys Springboard**
- ❖ **Python Basics From Infosys Springboard**
- ❖ **Artificial Intelligence From Accenture**
- ❖ **Python (Basic) From HackerRank**
- ❖ **Python Programming Language From Udemy**
- ❖ **Problem Solving (Basic) From HackerRank**
- ❖ **Python From GeeksforGeeks**
- ❖ **Python for Data Science From IBM**
- ❖ **Programming in C From Infosys Springboard**
- ❖ **C for Beginners From Great Learning Academy**