

KAPILESWAR PATRA

B. Tech (Computer Science and Engineering)

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Career Objective

Motivated and detail-oriented **Software Developer** with strong foundations in **Java, Python, React.js, and Full-Stack Development**. Adept at building **scalable, user-friendly applications** and integrating **Machine Learning solutions** for real-world impact. Seeking an opportunity to contribute technical expertise and problem-solving skills in a collaborative environment while growing with the organization. Passionate about creating innovative software that aligns with business goals and delivers measurable outcomes.

Educational Qualifications

Degree and Year	Institute Name	Board / University	% / CGPA
B. Tech (CSE) 2020-24	Gandhi Institute of Engineering and Technology University, Gunupur	GIET UNIVERSITY	9.19
+2 Science in 2022	Pragati Science Higher Secondary School, Bhawanipatna	CHSE	84.66
10 th in 2020	Swami chetanananda saraswat vidhya mandir, Ganjam	CHSE	72.33

Training / Certification

- 31th/400 in Internal Hackathon for Smart India Hackathon.
- Technical Leader by TECH HUB.
- The Joy Of computing Python by NPTEL.
- HackerRank certified for Intermediate SQL.
- Data Analytics Using Python Certification from NPTEL.
- Certificate of Completion Award from be10X on successful completion of Ai tools and ChatGPT Workshop .

Achievements and Extracurricular activities

- Secured 1st place in competitive debugging challenge.
- Have a Silver Badge in Data Analytics By NPTEL.
- 3rd place in academic presentation competition .
- Participated in Hackathon.
- Java Certification from Complete Coding.

Technical Skills

Programming Languages: Java (Core & Advanced), python, kotlin (Basics)

Frontend Development: React.js, HTML, CSS, JavaScript, Bootstrap

Backend Development: Spring Boot, RESTful APIs & Web Services, Node.js, Express.js, Microservices

Databases & Data Management: DBMS, MySQL, MongoDB

Tools & Platforms: Git/GitHub, VS Code, Jupyter, Google Colab, MySQL Workbench, Flask.Eclipse

AI Tools: ChatGPT, Claude, NotebookLM, Grok, Merlin, Napkin

Soft Skills

- Communication
- Problem-solving
- Time Management
- Adaptability
- Critical Thinking
- Leadership
- Teamwork

Position of Responsibility

Here are the Following Positions of Responsibilities I've been a part of

Name	Description
Technical Lead at TECH HUB Student Club	Lead the development and execution of technical workshops, coding contests, and hackathons. Guide students in Web Development, and Competitive Programming. Mentor teams in project development, debugging, and implementing Core & Advanced Java, React.js, MySQL. Developed Skills – Communication, Leadership, Teamwork, Problem Solving, Time Management.
Event Organizer –Bug Busters	Successfully Organized a University level Error Detection competition during the branch fest.
Lead a Team of 6 Members named FITNESS HACKERS	Lead a team of 3 members in projects: 1. Fitness app

Internship Programs

Successfully completed a summer internship with Remark Skill Education.

Internship Project Details

AI/ML intern at THE WEBSITE MAKER	Developed an AI-Powered Chatbot to enhance user engagement on client websites Developed Skills – Natural Language Processing, ml frame works, web Integration.
Data Analyst Intern At COINCENT	Developed a Machine Learning Model that identify and filter offensive content on social media. Skills - Python, Machine Learning, Data Analysis

Project Details

Name of the Project	Axis Based Fitness Enhancement with Integrated sports and nutritional Guidance
Language used	Python
Description	Tech Stack: Python, HTML ,CSS ,JavaScript , Matplotlib, SQLite, AI Tools (ChatGPT, NotebookLM), GitHub 1. Developed a fitness web application featuring BMI calculator, personalized nutrition guidance, and sport-specific workout plans. 2. Implemented gender- and pregnancy-based customization, along with cognitive exercises.

Name of the Project	Lung Cancer Detection System
Languages used	Python using Scikit Learn (vgg 16)
Description	Tech Stack: Python, TensorFlow/Keras (VGG16), Scikit-learn, OpenCV, NumPy, Matplotlib, Jupyter Notebook <ol style="list-style-type: none"> 1. Developed a machine learning model for early lung cancer detection using medical imaging. 2. Implemented image preprocessing, feature extraction, and classification with VGG16 CNN. 3. Applied Scikit-learn classifiers for risk assessment and prediction. 4. Enhanced model accuracy by integrating deep learning with advanced preprocessing techniques (OpenCV).

Name of the Project	Spring Petclinic Clone
Language used	Java
Description	Tech Stack: Java, Spring Boot, Spring MVC, Spring Data JPA,MySQL,Maven,HTML/CSS,ReactJs Description: Recreated the classic Petclinic application using Spring Boot, implementing full-stack CRUD operations for pet owners, vets, and visits. Integrated MySQL in place of the original in-memory HSQLDB for persistent data storage. Applied layered architecture with proper use of RESTful controllers and JPA repositories. Enhanced project with modular Maven configuration and optimized database connectivity.

Personal Details

Date of Birth	29/11/2004
Gender	Male
Father's Name	Mr. Surendra Patra
Address	Dwarkacity Lane-4, Bhawanipatna,Kalahandi,Odisha
Alternate phone number	8144824413
Language Known	English, Hindi,Odia
Interests & Hobbies	Shyari,team sports

Place: Gunupur, Odisha

Date:

Signature