Vaishnavi Singh

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EDUCATION

Name of course	Passing Year	Name of institute	CGPA/%age
B.Tech (CSE)	2027	KIIT University , Bhubaneshwar	8.37
Class XII, **ISC**	2022	St. Joseph's Convent High School Patna	78%
Class X , **ICSE**	2020	St. Joseph's Convent High School Patna	92.41%

ACADEMIC ACHIEVEMENTS AND AWARDS

- Consistently maintained a CGPA above 8.0 throughout college, reflecting strong academic diligence.
- Awarded ₹15,000 by East Indian Railway for securing 90%+ in ICSE Class 10 board exams.

EXPERIENCES & PROJECTS

Technical Executive, MLSA KIIT Chapter , Bhubaneshwar   Feb'24 to Mar'24

- **Bookworm – Campus Book Exchange App**
- **Designed** a user-centric mobile application using **Figma** to facilitate free book, novel, and study material exchange among students within the campus
- **Collaborated** with developers to bring the design to life in **Flutter**, ensuring seamless UI/UX aligned with user needs

Machine Learning Projects – Predictive Modeling with Python   Mar'25 to Apr'25

- **Developed** ML models for diabetes, heart disease, and loan approval prediction using Scikit-Learn with robust preprocessing and feature engineering
- **Engineered** binary classifiers for spam email and rock vs mine prediction by leveraging NumPy, Pandas, and visualization tools like Matplotlib
- **Optimized** model performance with train-test split strategies, achieving up to 95% accuracy across multiple datasets

POSITIONS OF RESPONSIBILITY

UI/UX Lead , Microsoft Learn Student Ambassador , KIIT Chapter   Jan'24 to Present

- Currently leading a team of new designers and projects for the organization .
- Designed and developed web pages and apps , including wire-frames , protoyping and custom interfaces with JavaScript , Node.js , HTML , CSS and Figma .
- Created 3D landing pages and banners , supporting campaigns , events and products .

COURSES AND CERTIFICATIONS

Infosys SpringBoard, (82%) | 2 weeks each

- Completed courses on **Intro to Data Science**, **AI**, **NLP**, **Deep Learning**, **Computer Vision 101**, **Robotic Process Automation**, and **Generative AI**
- Explored advanced topics like **Prompt Engineering**, **GPT-3 for Developers**, **OpenAI Models**, and **Generative Models for Developers**

SKIILS & TOOLS

- **Programming:** Java, Python, C/C++, SQL, JavaScript
- **Web Development:** HTML, CSS, Node.js, Tailwind CSS, Three.js , React
- **UI/UX Design:** Figma, Canva
- **Data & Analytics:** Data Analysis, Customer Feedback Analysis, MS Excel , Machine Learning
- **Tools & Platforms:** MS PowerPoint, AWS Cloud Architecture
- **CS Fundamentals:** DBMS, Operating System**s**, OOPs, Computer Networks
- **Other Skills:** Project Management, Team Leadership, Team Collaboration