AVILASH SATPATHY

Dhenkanal, Odisha | P: +91 7205031309 | satpathyavilash@gmail.com | Portfolio | in

EDUCATION

GIET UNIVERSITY, **Gunupur, Odisha**- Bachelor of Technology, 2021-2025; Computer Science Engineering
Cumulative GPA: 8.86/10

SARASWATI JUNIOR VIDYA MANDIR, Berhampur, Odisha- Higher Secondary Certificate (HSC), 2018-2020
Percentage- 76.66 %

WORK EXPERIENCE

YHILLS (Oct 2023-Nov 2023) Remote, **Machine Learning Intern**
➢ Participated in data analysis and project development to gain practical experience in deploying machine learning solutions for various business challenges.
➢ Demonstrated a proactive approach to learning and applied machine learning concepts in practical business contexts, while producing innovative project solutions.

EDU-VERSITY (June 2023-Aug 2023) Remote, **AI & ML Intern**
➢ Created customized applications to make critical predictions, automate reasoning and decisions and calculate optimization algorithms.
➢ Prototyped machine learning applications and quickly determined application viability.

TEACHNOOK (Aug 2022-Nov 2022) Remote, **Web Developer Intern**
➢ Created and implemented optimized landing pages using HTML and CSS, ensuring seamless integration and cross-browser compatibility.
➢ Developed user interfaces using modern JavaScript frameworks, HTML5, and CSS3, and proficiently utilized MySQL for database management.

UNIVERSITY PROJECTS

EDU-NIRMAAN
➢ Developed innovative strategies to identify slow learners and enhance their learning capabilities through targeted capacity building techniques.

RARE DISEASE IMPACT ESTIMATION
➢ Developed a machine learning-based model for estimating the impact and severity of rare diseases, aiding in improved diagnosis and treatment strategies

COVID-19 RISK ASSESSMENT MODEL
➢ Developed a machine learning-based model to assess the risk and predict the survival outcomes of COVID-19 patients, aiding in effective treatment planning.

DIGITAL LEGAL ASSISTANCE PLATFORM
➢ Developed a digital platform to provide accessible legal assistance and raise awareness on legal rights and procedures.

ACTIVITIES & ACHIEVEMENTS

➢ Office Bearer of the CSE Department, 2023-2024
➢ Only Team from Odisha to attend the AICTE AMRUT Challenge held in New Delhi at the national level
➢ Paper Published: "Rare Diseases Severity Prediction System Using a Machine Learning-based Technique" (Paper ID: 393) at ICAIIHI-2023, IEEE Conference Record No. #57871
➢ Coding Ninja's All India Aptitude Scholarship Exam Qualifier (2022 & 2023)
➢ Naukri Campus Young Turks Qualifier with a 98.95 percentile

TECHNICAL SKILLS & CERTIFICATIONS

➢ **PROGRAMMING & WEB DEVELOPMENT:** Python, C, Java, JavaScript, SQL, HTML, CSS, Node.js, Express.js, Next.js

➢ **AI, ML & DEEP LEARNING:** Scikit-learn, TensorFlow, PyTorch, Keras, XGBoost, LightGBM, CatBoost, Hugging Face Transformers, LangChain, OpenAI GPT-3/4, LLaMA, Mistral, spaCy, OpenCV

➢ **DATA SCIENCE & ANALYSIS:** Pandas, NumPy, Polars, Seaborn, Matplotlib, Plotly, OpenRefine, Zoho DataPrep

➢ **TOOLS & PLATFORMS:** GitHub Copilot, Amazon CodeWhisperer, CodiumAI, DeepCode, CodeT5

➢ **CERTIFICATIONS & TRAINING:** Java Full Stack Certification from **Wipro** TalentNext under Digital Skills Readiness Program, Certified from Prestigious **Cambridge University** for communication skills, Certified for the completion of Problem-Solving in Python on **CodeChef**, Five stars in **Hackerrank** of C language, Problem-Solving through Programming in C by **Swayam**, Workshop on Cybersecurity by **Craw Security**