

AVILASH SATPATHY

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EDUCATION

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

Relevant Coursework: Software Engineering; Artificial Intelligence; Machine Learning; Data Science, JAVA

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

Relevant Coursework: Physics, Chemistry, Mathematics, Biology

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 ICAIHI-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

ADDITIONAL INFORMATION

- **Technical Skills:** C, Java, Python, SQL, Kotlin, JavaScript, HTML, CSS, Bootstrap, Linux, AI & ML, Data Science, Computer Network, TensorFlow, Keras, SpringBoot, Hibernate, Servlet, JSP
- **Languages:** Fluent in English, Hindi, Odia; Beginner-level German skills
- **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 Crow Security