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| **PERSONAL DETAILS** | | | |
| **Name** | ABHINANDAN PATTNAIK | | |
| **Branch** | COMPUTER SCIENCE AND ENGINEERING | **CGPA** | 9.41 |
| **Email** | [pattnaikabhinandan001@gmail.com](mailto:pattnaikabhinandan001@gmail.com) | **Contact Number** | 78468 08322 |
| **LinkedIn** | [Abhinandan Pattnaik | LinkedIn](https://www.linkedin.com/in/abhinandan-pattnaik-/) | **GitHub** | [PATTNAIKABHINANDAN (Abhinandan Pattnaik) (github.com)](https://github.com/PATTNAIKABHINANDAN) |

**Odisha University of Technology and Research**

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| **EXPERIENCE** | | | | | | | | | |
| **PSS** **Financial** **Services** **MAR** **22** **-** **JUNE** **22** | Developed their Web App using **HTML, CSS** and **JavaScript**. [(Certificate)](https://drive.google.com/file/d/1xqEu3pc0Wtmqh3pKD08glXRKHJHEERmb/view?usp=sharing) | | | | | | | | |
| **Vernacular** **Medium**  **OCT** **22** **–** **APR** **23** | Worked on a project to create a website and develop it using **JavaScript, HTML and CSS**. [(Certificate](https://drive.google.com/file/d/13q2x4AqwhWA6pCyq9fOJzfXOovVXokin/view?usp=sharing) – [GitHub)](https://github.com/PATTNAIKABHINANDAN/get-tech-hub) | | | | | | | | |
| **The** **Spark** **Foundation**  **NOV 22-DEC 22** | Successfully completed the Graduation Rotational Internship Program with The spark Foundation by making a web application and implementing a payment integration method to it using ReactJS and **Razor Pay Payment Gateway** method. ([Certificate](https://truecertificates.com/verified/W2P9CKU5HY) - [Git](https://github.com/PATTNAIKABHINANDAN/PAYMENT-GATEAWAY-TSF-PROJECT-)) | | | | | | | | |
| **Geological Survey of India (Government of India)**  **JULY 23 - PRESENT** | Currently working on a research project for proposing a novel approach to map mineral deposits, leveraging The Geological Survey of Indian’s geological, geophysical and geochemical data repositories along with innovative use of **Convolutionary Neural Network** | | | | | | | | |
| **CHEGG**  **SEP 23-PRESENT** | Contributing as Subject Matter Expert at Chegg India by providing detailed description of Computer Science problems including code. | | | | | | | | |
| **EDUCATION BACKGROUND** | | | | | | | | | |
| **B.Tech** | 2020-2024 | Odisha University of Technology and Research, Bhubaneswar  (Computer Science and Engineering) | | | | | | | 9.41(CGPA) |
| **XII (CBSE)** | 2020 | DAV Public School, Chandrasekharpur | | | | | | | 94.8% |
| **X** **(CBSE)** | 2018 | Delhi Public School, Kalinga | | | | | | | 92.2% |
| **SKILLS** | | | | | | | | | |
| **Programming Languages** | C++, Python Programming Language, JavaScript, HTML, CSS | | | | | | | | |
| **Technical Skills** | * Frontend Development: (HTML/CSS/JavaScript/ReactJS). * Python Libraries Like: Matplotlib, Pandas, NumPy. * Machine Learning Model: Regression and Classification, Clustering algos, Convolutionary Neural Network. * Databases: SQL * Wireless Sensory Networks.   Familiar with: Python Libraries Like(Keras, Scikit-Learn, TensorFlow) | | | | | | | | |
| **Soft Skills** | Communication, Teamwork, Critical Thinking. Time Management. | | | | | | | | |
| **ADDITIONAL COURSES** | | | | | | | | | |
| **CISCO** | [Devnet Associate](https://drive.google.com/file/d/1sFFNivOpIQWHtcPG7ZkQnyDr5rrgXZtI/view?usp=drive_link), | | [Networking Essentials](https://drive.google.com/file/d/1FdTM5Ff-WOxMOXddIFt8dkMLJLSewRoW/view?usp=drive_link) | | | [Cybersecurity Essentials](https://drive.google.com/file/d/1xPyaF88JC8_CIVzXaagLw-VyI3rreWpN/view?usp=drive_link) | | [Introduction to Cybersecurity](https://drive.google.com/file/d/1xPyaF88JC8_CIVzXaagLw-VyI3rreWpN/view?usp=drive_link) | |
| **PWC Launchpad** | [PWC Launchpad Program](https://lh6.googleusercontent.com/pFwKagpOvmjdYEwzvdP6F9AHqinq8Mw1v0o4gmwa7asmIH-rtmWxzD7r7jPsj8pUKDnlqOs4TIPBnRSYw0V5zy24GTEH_Y-bTCDBUKXsDYyp7p8B86OJIpsUOHmkLaroVpmGl7vrua7-Ozc2Xx5UmUOOrA=s2048) | | | **IIRS, Dehradun (ISRO)** | | | [Geo-Data Sharing and Cyber Security](https://drive.google.com/file/d/1IDkvjh2A6PR52Sr6T7djO2qcWdEZ2u5U/view?usp=drive_link) | | |
| **Coursera** | [Python Basics](https://coursera.org/share/945482a44c98bd9581020cb549f3d39d) | | | | **Salesforce** | | [Completed Salesforce Virtual Internship](https://smartinternz.com/internships/salesforce_certificates/d193d5190cc58aa6de2cab8ad7a589c8) | | |
| **POSITIONS OF RESPONSIBILITY** | | | | | | | | | |
| **ZAIRZA TECHNICAL CLUB** | Core Member: Have been working as a core member in fields of AI for the technical club Zairza since 2021. | | | | | | | | |
| **ACADEMIC ACHIEVEMENTS / PROJECTS / LIVE PROJECTS** | | | | | | | | | |
| **Winner at Smart India Hackathon, 2022** | Developed a **ML model** to profitably detect potential mineral deposit location and backed the **1st position at SIH,2022**. In this project me and my team mates pre-processed the data obtained from BHUKOSH INDIA website using various preprocessing methods, converting the data into Raster Form from vector form and finally used the Raster map to detect coordinate and location of high potential deposits, initially training the model for some very base metals like Copper, Gold etc. We used various ML techniques like **Logistic Regression, Classification, Convolutionary and Generative Neural Networks**. | | | | | | | | |
| **SECURE AND EFFICIENT DATA TRANSMISSION IN WSN** | Networking model to improve Security during transmission and enhance Quality Of Service (QoS) during transmission using various protocols like LEACH, SPIN, CAMELLIA, LWM2M etc. ([Report](https://drive.google.com/file/d/1RKLqQSlV_TIhN65gtZkHCxf2rdYoM3ea/view?usp=drive_link)) | | | | | | | | |
| **GARBAGE SEGREGATION ML MODEL** | Developed an **ML model** with a **team** using CNN to efficiently segregate waste products into biodegradable, non-biodegradable and recyclable waste for an urban locality and efficiently integrated it to application using FLUTTER.  Implemented various other features like live location of Waste products using Google Map API key etc. | | | | | | | | |
| **Educational Achievement** | Has worked on various ML and Web Dev Project having outstanding educational record. I am experienced in working with very diverse situations and groups.  Experienced at various diverse fields like Ed-tech and **Fin-tech** platforms as mentioned above. Have been participating in various Hackathons throughout my B.Tech educational period and have been **Finalist** at:-**Oracle Hacks 2023**, **SIH 2022**, **SOH 2022**, **Singapore-India Hackathon, Luxembourg-India Hackathon**. | | | | | | | | |