



EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2024	M.TECH Dual Degree 5Y	IIT Kharagpur	7.90 / 10
2018	AISSCE (CBSE)	Doon Public School, Dhanbad, Jharkhand	86.2%
2016	AISSE (CBSE)	DAV Public School Hehal, Ranchi, Jharkhand	10 / 10

INTERNSHIPS AND PROJECTS

Portfolio Website | Self-Project July-2022

- Created a multiple page **responsive website** using HTML, CSS and Javascript
- Utilized many elements and attributes of HTML like section, navigation tab, div, headings, paragraph, anchor tag and many more
- Used many CSS effects like hover, keyframes, animation, customize scroll bar and many more
- Availed properties like **media queries**, min-height and max-width to make website responsive
- Applied vanilla tilt-effect (source code from Github) to add animation in webpage
- Deployed website using Github (URL to website: <https://rajshriyanhu.github.io/Portfolio.io/>)

J.P. Morgan Software Engineering Virtual Experience June-2022

- Extracted data by making **API** requests using Python, versioned it with git and configured a system to analyse the financial data
- Used Perspective, a **react framework** to make a real-time graph concurrent with periodically fetched data in the client-side application

Transaction keeper app | Self-Project May-2022

- Created an app based on **flutter** and **dart** which can run on android/IOS
- Used widgets like **Stateless** and **Stateful** to make page responsive and run in real-time
- Consists of **scrollable list** where we can add or delete expenses and choose respective dates from Google Calendar
- Created a **Grid view** which sums up amount of all expenses and classify them in weekdays
- Deployed app using Github (URL to app in web : https://rajshriyanhu.github.io/Flutter_Expenses/)

CERTIFICATIONS

Algozenith | Algorithm and Data Structure Sept 2021-Jan 2022

- Completed 16 weeks **live online training** of applied Data Structure and Algorithm in C++
- Learnt to apply many algorithms including STL, Binary Search, Dynamic Programming, Graphs, Trees and foundational maths

MOOCs : HTML and CSS course from Udemy

AWARDS AND ACHIEVEMENTS

- Achieved a **peak** rating of 1590 in codechef (codechef handle : razer genesis)
- Scored global rank of 157 in Codechef Starters 39 and global rank of 117 in Codechef Starters 37

SKILLS AND EXPERTISE

Languages: C++ | Python | HTML | CSS | Javascript | Dart | Node Js | Express Js
Libraries/Frameworks: React | Flutter | NumPy | Pandas | Matplotlib | MongoDB
Softwares: Visual Studio Code | Git | Jupyter Notebook | MS Office | MS excel | AutoCAD

COURSEWORK INFORMATION

Computer Science: Programming and Data Structure (Theory and Lab)
Mathematics: Mathematics I & II | Numerical Solutions of ODE and PDE | Transform Calculus
Others: Economics | Safety Engineering and Management | Transfer and Management of Rural Technology

EXTRA CURRICULAR ACTIVITIES

Sports

- Part of **Gold** winning Hockey team of **Rajendra Prasad Hall of Residence** in Inter-Hall Competition (2021-2022)
- Completed 2 years of Fitness training under National Sports training (NSO) Health and Fitness (2019-2021)

Social and Cultural

- Member of **Gold** winning team of illumination of **Rajendra Prasad Hall of Residence** in Inter-Hall Competition (2019-2020)
- Core member of **Bronze** winning Rangoli team of **Rajendra Prasad Hall of Residence** in Inter-Hall Competition (2019-2020)