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Education

- **National Institute of Technology Arunachal Pradesh, 2019-2023**
  Bachelor of Technology in Computer Science & Engineering, 8.07 CGPA
- **Kendriya Vidyalaya No.1 Itanagar**
  Class XII (Senior secondary) CBSE, 79% , 2018_2019
  Class X (Secondary) CBSE, 9.8 CGPA, 2016-2017

Experience

- **PHP Developer Intern, Rise Retail & Payment Solutions Pvt. Ltd. , 01/02/2022 – 01/04/2022**
  - Designed & Coded 2 core business module
  - Improved 1 existing module & increase it's performance by **12%**.
  - Optimized the page's performance for faster loading and browsing by reducing dependency on external third party API.
- **Full stack Developer Intern, Indian Institute of Technology (IIT Bhubaneswar), 1/01/2022 – 14/02/2022**
  - Trained in technologies like **HTML5/CSS3, javascript, nodejs, python, bootstra**p
  - **Implemented a Ecommerce website.**
- **Machine learning engineer intern, Indian Institute of Technology (IIT Bhubaneswar), 1/01/2022 – 31/01/2022**
  - Worked with **tensorflow & Keras**
  - Dveloped a **face & smile detection** application and **integrated with web application**.

Project

- **Arreca Rendering Engine**
  - Developed a **cross platform** rendering engine in **C++, OpenGL 3.**
  - Part of the game engine project (Arreca Engine), capable of **loading**, **rendering**, **animating** 3d models with the
     ability to simulate basic lighting physics.
  - github.com/LitonBarman/Arreca-Engine
- **Object Model Loader (OMI)**
  - Coded a model loader library in **C++,** it can load **obj** (wavefront) & **fbx** model.
  - Suitable for redering with **OpenGL, Vulkan** API, etc.
  - github.com/LitonBarman/OMI
- **Spacespark**
  -Programmed a **API less** social media platform for artist to share there arts
  - Featured with Chating, group chatting, friend request,create group, posting stories, etc.
  - **PHP, SQL Javascript** and HTML/CSS.
  - github.com/LitonBarman/Spacespark

Technical skill

- **C/C++, PHP, Javascript,** HTML/CSS, Java, bash, **Cmake, git, github**
- **Apache** HTTP server, **MySQL** server, Filezila FTP
- Strong practical Knowledge of **Object Oriented Programming, API design,**
- **Data Structures & Algorithms**

Certification

NPTEL, Data structure & Algorithm in Java

Achievement

Got **letter of excellence** during internship from Rise Retail & payment Solution