Pursottam Sah

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EDUCATION

NIT Arunachal Pradesh
B. Tech in Computer Science Eng   Oct 2020-2024
Cum. GPA: **8.84 / 10 (Expected)**

Govt. Higher Sec. School, Roing
Higher Secondary, XII (CBSE)   Grad. Aug 2020
Cum. Percentage: **84.8**

Govt. Higher Sec. School, Roing
Secondary, X (CBSE)   Grad. April 2018
Cum. Percentage: **89.4**

COURSEWORK

- Data Structures & Algorithms
- Object Oriented Programming
- Operating Systems
- Optimization Methods
- Machine Learning
- Unix Tools and Scripting

EXPERIENCE

Indian Oil Corp. Limited   Dec 2022 - Present
Software Development Internship   Ghy, Assam (IN)
- **Secured** the 3rd rank in college **internship selection test** and **selected** for this **internship**
- Currently **working** on a lightweight **app development** project for the **company**

Ekarigari Systems Pvt. Ltd   July 2022 - Aug 2022
IoT and ML Trainee   Remote
- Acquire a basic understanding of **3** microcontroller boards, such as the **NodeMCU, Arduino UNO, and Raspberry Pi.**
- A **beta version** of the **Bus Tracking and Navigation System** was completed for more than **1000 college students.**

Rebert Technoliges Pvt. Ltd   June 2022 - July 2022
Software Development Internship   Pune (Remote)
- Worked on the current project of the company '**DoBuizz**' where **reduced** the team workload by **25**%.
- **Update** and modify the admin panel using **Javascript** functions and **fetch** the data from **Firebase Realtime Database.**

Business Web Solutions Inc   May 2022 - July 2022
Web Development Internship   Remote (IN)
- Increase the **efficiency** of **Python** scripting by **70%** with an understanding of **HTML, CSS, and Javascript.**
- Utilizing **SQL** for the creation of **databases** as a backend which **improves** the faster **retrieval** by **20%**

SKILLS

Programming
- **Languages:** C, C++, Java
- **Scripting:** Bash, Python
- **Frameworks:** React, Flask, Node
- **Database:** SQL, Firebase
- **Platforms:** Linux, Windows
- **Familiar:** Typescript
- **Others:** git, Microsoft Office

Soft Skills
Leadership · Teamwork · Communication · Organization

PROJECTS

AIRAVAT TRACKER   Source Code
Nov 2022 - Present   NIT Arunachal Pradesh (IN)
- A **beta version** of the **Bus Tracking and Navigation.** System was completed for more than **1000 college students.**
- A **lightweight website** is developed and **Flask** is used as a framework. As hardware components, we used the **Node MCU (ESP8266)** and **GPS Module (NEOSIM900A).**

TECHNODAYA NEWSLETTER APP   Source Code
Sept 2022 - Present   NIT Arunachal Pradesh, Itanagar (IN)
- **The newsletter website of NIT Arunachal Pradesh.**
- **Admin** can fill out the form and generate monthly. magazines which **reduce** our official **mail traffic by 17%**.
- **ReactJs** is used in frontEnd and **Google Firebase** is used as a backend for **server authentication**, and **databases** of magazines.

ECOMMERCE WEBISTE   Source Code
Sept 2022 - Present   NIT Arunachal Pradesh, Itanagar (IN)
- Developed **E-Commerce** Web application **Bake with Love.**
- **ReactJs** is used in the **frontend** and **Firebase** is used at the backend for **authentication, Databases**, and Cart Products.
- Stripe **Payment gateway** is used for **online payment** which **improves** business **sales** by about **200%.**

ACHIEVEMENTS

2022	**1st Prize**	Idea Pitching **Startup Cell NIT AP**
2022	41/15000	CodeChef Long Dec Challenge
2022	3452 th	Google KickStart Round H
2022	**1st Prize**	Designathon Hakathon NIT AP
2022	250+	Questions solved on **LeetCode** & **GFG**