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Arunachal Pradesh (IN)

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EDUCATION

NIT Arunachal Pradesh

B. Tech in Computer Science Eng Oct 2020-2024
Cum. GPA: **8.9 / 10 (Expected)**

Govt. Higher Sec. School, Rupa

Higher Secondary, XII (CBSE) Grad. Mar 2019

Percentage: **81.6%, 1st in District**

Secondary, X (CBSE) Grad. Mar 2017

Cum. GPA: **10 / 10**

COURSEWORK

Undergraduate

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

EXPERIENCE

Indian Oil Corp. Ltd

SDE INTERN

Dec 2022 - Present | Assam, IN

- Selected for the internship from top 3% students of our college.
- Full stack and IoT developer - Client and Admin side application with IoT device.

Technodaya

EDITOR

Sep 2022 - Present | NIT Arunachal Pradesh

- Worked in a team of 3 to create Technodaya Newsletter Website reducing paperwork by 90%.
- Full stack developer - Wrote the code in React and implemented backend with Firebase.
- Reduced workload of editors by 70% by automating content generation.

Ekarigari Solutions Pvt. Ltd

IoT INTERN

Aug 2022 - Sep 2022 | Remote

- Worked with the Ekarigari team on a Smart Home Automation.
- Utilised NodeMCU and Arduino creating a system faster than 50% of existing systems.

Business Web Solutions

FULL STACK DEV INTERN

May 2022 - Jul 2022 | Remote

- Created full stack website using Django and MySQL.
- Optimized database to reduce search times by 50%.

SKILLS

Programming

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

Soft Skills

Leadership • Teamwork • Communication • Organization

PROJECTS

Airavat

Source

- Created **Airavat**, an IoT ecosystem for fleet vehicle monitoring and tracking.
- Tracker device made using NodeMCU (ESP8266), 4G SIM Module (SIM7600) and GPS module (GPS NEO-7M).
- Developed full stack website for Airavat using Flask with SQL database.

Technodaya Website

Website | Source

- Created full stack website for **Technodaya**, technical newsletter of NIT Arunachal Pradesh.
- Full stack developer - React frontend and Firebase backend.
- Intuitive card layout to rearrange magazine sections.

SHIELD web app

Source

- Worked with my team - **Team Revolutionists** a team of 4 to build **SHIELD**, an IoT based ecosystem for secure transportation of valuables.
- Created full stack SHIELD webapp to allow admins to track, lock/unlock and monitor shipments and warning alerts.
- Won **1st position** in NVCTI winter challenge Hackathon.

Homepage

Website | Source

- My homepage website and digital garden running on React and Gatsby, hosted on GitHub pages.
- Ported to Gatsby decreasing load times by 80%.

ACHIEVEMENTS

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|------|-----------------------|--------------------------------------|
| 2022 | 1 st prize | NVCTI winter challenge Hackathon |
| 2022 | 1 st prize | NITAP Designathon 2022 |
| 2022 | 1 st prize | Idea pitching, NIT Arunachal Pradesh |
| 2022 | 1 st prize | CSS battle, Addovedi 2022 |