

ISHU RAJ

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EDUCATION

Nalanda Heritage School, Nalanda, Bihar

April 2015 – April 2017

Primary Education

CGPA 9.8/10, Central Board of Secondary Education

Sri Chaitanya College of Educational, Visakhapatnam

April 2017 – April 2019

Secondary Education

Percentage 83%, Central Board of Secondary Education

University of Petroleum and Energy Studies, Dehradun

April 2020 – April 2024

Bachelor of Technology

9.1 CGPA

LEADERSHIP EXPERIENCE

School Captain, Nalanda Heritage School, Nalanda, Bihar

Feb 2016 – April 2017

PROFESSIONAL EXPERIENCE

Pyare Foundation

June 2021 – July 2021

Intern

- Pyare Foundation is a multidimensional non-profit organisation in the human services field.
- I worked there as content maker and content promoter for Women Menstrual Hygiene.

Here Technologies

June 2023 – July 2023

Intern

- At Here Technologies, I played a crucial role in the data analysis and visualization process. I successfully collected, organized, and analysed large sets of geospatial data, extracting meaningful insights and pattern.

SUBJECT ELECTIVES

MAJOR	Cloud Computing & Virtualization Technologies
MINOR	DevOps
EXPLORATORY	Entrepreneurial Practice

TECHNICAL SKILLS

Programming Languages	C, Java, Python, HTML, JavaScript
Data Analytics	SQL
Other Tools	Git, GitHub, OpenStack, AWS, Docker

PROJECTS

PROJECT 1: *GoTo Compiler*

Technologies Used: *Java, Git, Launch4J, Inno Setup*

- Designed a basic GUI Compiler which can perform tokenization, parsing and generate Binary file.
- Recently, I got my compiler copyright from Government of India.

PROJECT 2: *SegF – File Segregator*

Technologies Used: *Java, Git, Launch4J, Inno Setup*

- It is basically a File Segregator software that can segregate file from unorganized location to a specified location.
- It has also functionality to keep records of movement of all the files for future reference as a Log file.

PROJECT 3: *NQL – Natural Query Language (Currently Working)*

Technologies Used: *HTML, CSS, JavaScript, Java, SQL*

- It is a platform which can convert Natural Queries into Structured Queries using Natural Language Processing.
- It can be used by non-techie people who don't know SQL or who feel SQL is not their cup of tea.

PROJECT 4: *OneTap Print (Currently Working)*

Technologies Used: *HTML, CSS, JavaScript*

- It is a project which focuses on bringing all the print shops together on a portal or a platform.
- It will help to solve the problem of students who have to stand for hours waiting for their documents to be printed at the shop.

PROJECT 5: *GamingAtoZ*

Technologies Used: *HTML, CSS, Wordpress*

- Designed a blog site to post latest news and information about digital gaming world.

CERTIFICATIONS

Amazon Web Services

- **AWS Certified Cloud Practitioner (CLF-C01)** *September, 2023*

UDEMY

- **The Git & GitHub Bootcamp** *August, 2022*
- **Java Programming Masterclass covering Java 11 & Java 17** *Currently Pursuing*

COURSERA

- **Python for Everybody – University of Michigan** *August, 2020*
- **Introduction to Programming with MATLAB – Vanderbilt University** *July, 2020*
- **Introduction to Software Product Management – University of Alberta** *August, 2021*

edX

- **Algorithms: Design and Analysis – Stanford University** *October, 2021*