

Arjun Singh

Roll No.: 2006067

Computer Science And Engineering

Bachelor Of Technology

National Institute Of Technology, Patna

EDUCATION

•National Institute Of Technology, Patna

B.Tech and Computer Science And Engineering

2024

CGPA/Percentage: 8.21

EXPERIENCE

•Oasis Infobyte

05/2023

Data Science Intern

- Tools: Python, Machine Learning
- Developed ML models to predict regional cuisines in India using geospatial data.
- Worked with team members to visualize and map regional data for better user interaction.

•Innovate

02/2024

Software Development Intern

- Tools: React.js, Express, MongoDB
- Developed features for a Conference Management System, enabling users to register for events and view schedules.
- Built tools for organizers to create conferences and manage event registrations.

PERSONAL PROJECTS

Home Articles(<https://home-articles.vercel.app/>)

06/2022

A Ecommerce Platform(<https://github.com/Arjun-singh-AS/Home-Articles>)

- An e-commerce platform using Next.js, MongoDB, and Tailwind CSS
- User-friendly shopping cart functionality
- Seamless integration with Razorpay for secure payments
- OTP verification for enhanced user authentication using Resend.
- Efficient backend operations to support scalability and performance.

Two stream Network Vision Base Human Activity Recognition

05/2023

Detect human activity from videos(<https://github.com/Arjun-singh-AS/HumanActivityRecongnition.git>)

- 3 member Group Project.
- Tools & technologies used: CNN, ConvLstm2D, TimeDistribution, Attention, Tensorflow, Computer Vision
- This model will recognize the activity that is perform in given video.
- The spatial stream of a two-stream human activity recognition system uses CNNs to extract appearance features (color, texture, shape) from video frames, resulting in frame-level feature representations. The temporal stream in a two-stream human activity

Patient Management Dashboard(<https://coiltion.vercel.app/>)

Displays patient details, including name, photo, gender, age, report and other details.

- Tools & Built using Next.js, Tailwind CSS, and Chart.js, it offers a visually appealing and interactive user experience.
- Charts generated with Chart.js provide insightful visualizations, such as age distributions and gender ratios, for better data analysis.
- Dynamic data rendering keeps the patient details accurate and up to date.
- Doctor can see all the details of any patient with there reports.

TECHNICAL SKILLS AND INTERESTS

Language: C++, C, Python, Java, Javascript, CSS, HTML

Core: Data Structure and Algorithms, Blockchain, Operating System, DBMS, OOPs, Software Engineering

Frameworks: Express, React, Tensorflow, Keras, Sklearn

Databases: Mysql

Soft Skills: Team Work, Problem-solving, Visual Thinking, Leadership, Creativity, Critical Thinking, Emotional Intelligence

Areas of Interest: Software Engineer, Data Science, Machine Learning, Deep Learnig, Web development, Computer Vision, competitive Programming

ACHIEVEMENTS

- Among Top 5 Percent Toppers in NPTEL course 'The Joy Of Computing Using Python'
- Leetcode:- 600+ question solver. A good efficient coder stand among top 10 percent. *Leetcode*
- Max Rating on Leetcode 1727. And contest best global ranking 2538. *Leetcode*
- Codeforces:- 200+ question solver. And max rating 1173. Best global ranking in 3297 in div4 contest. *Codeorces*