

Aruj Bansal

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EDUCATION

Ajay Kumar Garg Engineering College

Bachelor of Technology - Computer Science and Engineering

Ghaziabad, IN

2021-2025

St. Mary's Convent Sr.School

Senior Secondary Education - XII (95.2%)

Dhamp, IN

2021

EXPERIENCE

A2 Creations / Data Analyst Intern

Remote, IN

Skills: Numpy, Pandas, NodeJS, Data Cleaning, Data Modelling

September 2022 – November 2022

- Analyzed datasets containing over 100,000 rows, leading to actionable insights that improved process efficiency by 20%.
- Designed and executed a **robust solution** for bypassing seed phrases, resulting in a **30% decrease in user drop-off** during account setup; the approach was pivotal in improving overall user experience.

Feeding Trends / Full Stack Developer

Remote, IN

Skills: NodeJS, WebSockets, ReactJS, Tailwind

April 2022 – September 2022

- Enhanced API performance by 80% through Redis Caching, significantly reducing load times and elevating user experience.
- Implemented Socket.io, reducing latency by 50% and increasing message throughput by 75%, facilitating smoother communication for over 1,000 users.

PROJECTS

Wabra Chat Analyzer / Machine Learning, Web Scraping

GitHub

- Developed a Chat Analyzer tool that **processes, analyzes, and provides** insights on **chat conversations** using **natural language processing techniques**.
- Processed over 500,000 chat conversations, boosting customer satisfaction by 15% through actionable insights.
- Developed and implemented key functionalities including keyword extraction and sentiment analysis, resulting in strengthened customer engagement and facilitating the extraction of insights from 500+ conversations per week for strategic decision-making.

Urine Strip Analyzer / ReactJS, Machine Learning, MongoDB, NodeJS

GitHub

- Engineered a Urine Strip Analyzer using computer vision and machine learning techniques to automate the analysis of urine test strips.
- Reduced **analysis time by 40%** and increased **diagnostic accuracy by 25%**, streamlining medical testing processes.
- Collaborated with a **cross-functional team** to enhance diagnostic accuracy through the implementation of **machine learning and computer vision techniques**.
- Engineered a robust AI framework for image processing and color detection, resulting in the successful analysis of over 10,000 diagnostic images monthly, leading to improved accuracy and consistency in patient results.

TECHNICAL SKILLS

Languages: C/C++, JavaScript, HTML/CSS, Python, SQL

Web Development: ReactJS, NodeJS, NextJS, HTML/CSS, Tailwind, Django

Data Science Tools: Numpy, Pandas, Machine Learning, Computer Vision, Web Scraping

Tools: Git, Jira, Postman, Redis, TensorFlow, AWS (EC2), Docker

Soft Skills: Team Leadership, Communication, Collaboration

Coursework: Data Structures and Algorithms, DataBase Management System, Operating System, Computer Network

ACHIEVEMENTS

Flipkart GRiD 6.0: Level 1 Qualifier - among the top 7 teams to qualify from college / [Certificate](#)

BVICAM: 3rd Runner Up - Team VON - [Certificate](#)

RASVERSE (VIT VELLORE): Winner - Team GTrace - [Certificate](#)

BLOCKVERSE'22 & BLOCKVERSE'23: Winner - Team Wabra - A day long College Devthon | [Certificate1](#) | [Certificate2](#)

HACKNITR: Winner – Team Wabra – A National Level Hackathon | [Certificate](#)

SANRACHNA: Winner – Team Wabra – A College Level Competition | [Certificate](#)

DU Hacks: Top 15 Teams – Team Wabra | [Certificate](#)