

# JAY NANDWANA

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## Skills

- **Languages:** C/C++, Python, JavaScript, SQL.
- **Frameworks and Tools:** Django, celery, celery-beat, Redis, PostgreSQL, Firebase, MySQL, Vercel, Unicorn, GitHub.
- **Concepts:** Data structures and algorithms, DBMS, Operating system, Object oriented programming.

## Academic and Extracurricular Achievements

- **GFG Ranking - 1** ( College ), **3000+ Score** on GFG and solved **1300+ Questions** on GFG and **Leetcode**.
- Achieved a **Max Rating of 1598** on **Leetcode**.
- Accolite Digital Hiring Challenge ( **Winner** ), Received **offer letter** for SDE- I.
- **UPSC CDS 2 2022, AIR- 128**, Ex-Gentleman Cadet, Indian Military Academy.

## Projects

**Lead Management System** | Live Link | Video | GitHub/Documentation

Nov '24 - Jan '25

**Tech Stack:** Django, MySQL ( AWS RDS ), Celery, Celery-beat, Redis, Amazon EC2, Unicorn, Nginx .

- Developed a system to streamline workflows of Key Account Managers, enhancing lead tracking and large account performance management.
- Follow-ups are scheduled by **automatically generating call interactions through background processes** based on predefined call frequencies.
- Easily scalable leveraging Celery for parallel task execution and Redis as the task broker.
- Enhanced email notification system for Key Account Managers (KAM), optimizing real-time alerts for lead and interaction updates to improve responsiveness.

**Bharat Shopee** | Live Link | Video | GitHub/Documentation

July '24 - Sept '24

**Tech Stack:** Django, PostgreSQL ( AWS RDS ), Vercel, HTML, CSS, JavaScript.

- Developed an efficient digital marketplace for local producers, reducing middleman and operational costs by 15%.
- Features an administration dashboard for adding items, tracking sales, and managing customer details.
- Extensive data modeling was performed to ensure seamless data flow and optimal performance.

## Education

**Bangalore Institute of Technology, Bangalore, India**

2018 - 2022

- Computer Science and Engineering ( C.S.E ) | CGPA: 8.02/10

**D.A.V Public School, India**

2017 - 2018

- CBSE (Class XII), Percentage: 90.66%

**D.A.V. Public School, India**

2015 - 2016

- CBSE (Class X), CGPA: 10.00

## Work Experience

**Indian Military Academy** | Gentleman Cadet / **Acceptance letter**

July'23 - Sept'23

- Cleared UPSC CDS 2 2022 with AIR-128 and recommended by Service Selection Board ( SSB ).
- **Trained in leadership**, military tactics and land warfare.
- Developed **strategic decision-making and teamwork** skills through rigorous training and field exercises.

**Exposys Data Labs** | Software Development Intern / **Certificate**

April'22 - May'22

- Developed a web application enabling seamless peer-to-peer communication through effective teamwork and collaboration.
- Ensured seamless integration of WebRTC technology supported by all major 5 web browsers.