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, Gunicorn, 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, Gunicorn, Nginx .
- Developed a system to streamline workflows of Key Account Managers, enhancing lead tracking and large account performance management.
- Automated call follow-ups using **background processes** based on predefined frequencies.
- Easily scalable, leveraging **Celery for parallel task execution** and Redis as the task broker, improving efficiency by 30%.
- 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.