

# JAY NANDWANA

jaynandwana2018@gmail.com | +91-8107115576 | LINKEDIN | PORTFOLIO

## Projects

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

July '24 - Sept '24

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

- Built a scalable e-commerce platform for local producers, reducing middleman costs by 15% and boosting profitability.
- Features an administration dashboard for adding items, tracking sales, and managing customer details.
- Performed extensive data modeling to ensure seamless data flow and optimal performance.

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

Nov '24 - Jan '25

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

- Engineered 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.
- Highly scalable, leveraging **Celery for parallel task execution** and Redis as the task broker, boosting efficiency by 30%.
- Optimized system performance by implementing **caching using Redis**, reducing load time by 40%.
- Implemented an automated email alert system using **multithreading**, reducing lead response time by 20%.
- Conducted end-to-end testing using **Django's testing framework**, reducing bugs by 50% and boosting system reliability.

## Academic and Extracurricular Achievements

- **GFG Ranking - 1** ( College ), **3000+ Score** on GFG and solved **1400+ Questions** on GFG and **Leetcode**.
- Achieved a **Max Rating of 1649** 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.

## Work Experience

**Ridecell** | Backend Intern

Feb'25 - Present

- Contributed to the development of a car-sharing platform, allowing users to manage their car fleet and rent vehicles.
- Working on optimizing the business workflow to streamline the onboarding process for businesses on the car-sharing platform.

**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.

## Skills

- **Programming 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.

## 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*