

# JAY NANDWANA

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## Skills

- **Languages:** C/C++, Python, JavaScript, SQL.
- **Frameworks and Technologies:** Django, celery, celery-beat, Redis, Next.js, PostgreSQL, Firebase, MySQL, GitHub.
- **Others:** WebRTC, 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**.
- Accolite Digital Hiring Challenge ( **Winner** ), Received **offer letter** for SDE- I.
- Received **offer letter** for Programmer Analyst from Cognizant.
- **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 to streamline Key Account Managers' workflows, 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.

**Beat-Bytes** | Live Link | GitHub

**May'24**

**Tech Stack:** *Next.js, Node.js, Google Firebase, Vercel, HTML, CSS, JavaScript*

- Created a responsive blog website tailored to the interests of computer science enthusiasts hosted on AWS.
- The blog website significantly boosts user interaction and SEO performance by an impressive 50%.
- Crafted an interface ensuring adaptation to all devices and screen sizes for enhanced accessibility and user experience.

## 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

**Exposys Data Labs** | Software Development Intern

**May'22 - Jul'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.