

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](#).
- Rated **1600+** 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 -Present**

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.