

# JAY NANDWANA

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## Skills

- **Languages:** C/C++, Python, JavaScript, SQL.
- **Frameworks and Technologies:** Django, Android Studio, Next.js, PostgreSQL, Firebase, Oracle DB, GitHub.
- **Others:** WebRTC, Data structures and algorithms, DBMS, Operating system, Object oriented programming.

## Academic and Extracurricular Achievements

- **GFG Ranking - 1** ( College ), 2400+ Score on GFG and solved **1000+ 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

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

July'24 -Sept'24

**Tech Stack:** *Django, PostgreSQL ( Microsoft Azure ), 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, AWS Amplify, 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.

**Road Quality Analysis and Parameterization** | GitHub

May'22-July'22

**Tech Stack:** *Flutter, Google Firebase, Google Maps SDK.*

- Utilizing problem-solving skills, reduces the chances of accidents by up to 50%, fuel consumption by up to 10%, and commute time by up to 15%.
- Utilized mobile sensors including an accelerometer, gyroscope, and GPS providing accuracy up to 90 % in data collection.
- Achieved 90%+ in predicting road conditions and producing the Road Quality Index (RQI).

## Education

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

2018 - 2022

- Computer Science and Engineering ( C.S.E ) | CGPA: 8.01/10

**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.