

ABINASH BIR

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OBJECTIVE

To secure a challenging position as a Software Developer where I can leverage my expertise in Python, Database and machine learning. I aim to contribute to innovative solutions in areas such as data extraction, driving productivity and efficiency through user-centric applications.

EDUCATION

• C.V RAMAN GLOBAL UNIVERSITY

B.tech

◦ GPA: 7.2

08/2024 - present

Bhubaneswar, India

EXPERIENCE

Primecaves

Data entry clerk

07/2024 - present

Bhubaneswar, India

• [Jiwi Music- Santali Songs](#)

Technologies: MongoDB, Firebase, Postman.

- Enter, update, and manage accurate data in computer systems and databases.
- Work with **MongoDB** and **Firestore** to store, retrieve, and update data.
- Use tools like **MS Excel**, Google Sheets, and database platforms efficiently.

[BlueSphere-Smart India Hackathon](#)

- Co-developed a full-stack analytics web application for **Smart India Hackathon 2025** to compute and analyze the Heavy Metal Pollution Index (HMPI) from real environmental datasets
- Developed the frontend using **React** for responsive UI and seamless user interaction
- Created backend services with **Node.js** and integrated **Supabase** for database management and authentication

SKILLS

- **Programming Languages:** Python
- **Database Systems:** Supabase, Postgresql, MongoDB.
- **Deployments:** Vercel, Railway
- **Data Science :** Pandas, NumPy,
- **Frameworks:** Flask, FastAPI
- **Version Control:** Git

ADDITIONAL INFORMATION

Languages: English, Hindi, Odia

Interests: Learning new technology