

YUVRAJ BISWAL

Computer Science Student and Web Developer

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Summary

Highly motivated second-year Computer Science student with hands-on experience in full-stack web development, cloud infrastructure, and emerging technologies such as generative AI and Web3. Strong foundation in programming, databases, and frameworks like React, Vue, Nuxt. Passionate about solving complex problems and building scalable, user-focused applications. Actively seeking opportunities to grow in a collaborative and innovative environment.

Experience

Freelance

Web Developer

Remote

12/2023 - Present

Remote work as a Web Developer assisting clients with business platforms

- Developed scalable business platforms for clients across industries.
- Built a full-stack **voting platform** for Odisha Television Network using **React, Express, PostgreSQL, Prisma, Docker, Supabase** (launched).

Shabzak Tech Pvt Ltd

Web Dev Instructor

Remote

07/2024 - 10/2024

Remote position focusing on teaching web development

- Designed and delivered a **Vue.js course** from beginner to advanced levels.
- Created project-based curriculum using **Nuxt.js**, emphasizing real-world application and teamwork.

Education

Silicon University

Bachelor's in Computer Science

Bhubaneswar, Odisha, India

09/2023 - 09/2027

- Relevant coursework: Data Structures, Algorithms, OOP, DBMS, Operating System, Software Engineering.
- Active contributor to university tech community and open-source projects.

Projects

Gradsy – Web-based Quiz and Learning Management System

GitHub repo :- <https://github.com/Yuvraj-cyborg/Gradsy>

Web application for managing quizzes, learning materials, and user roles

- Developed using Java (Spring Boot) with a Vaadin-based frontend for a seamless UI experience.
- Implemented role-based access for teachers and students, allowing content creation and quiz attempts.
- Used H2 file-based database for local development and rapid testing.

Voting Platform – Odisha Television Network

<https://www.otvinsight.com>

Developed and deployed a production-grade voting platform for a high-traffic social media event.

- Handled **50K+ users per hour** via **Vercel**, stress-tested for peak concurrency.
- Managed over **356,000 Supabase storage requests per day** during April 2025.
- Built with **React, Express.js, PostgreSQL, Prisma, Docker**, and **Supabase**.
- Designed for reliability and zero downtime during heavy user voting spikes.

Rust CLI

GitHub repo :- https://github.com/Yuvraj-cyborg/RUST_TODO

Command-line application managing tasks

- Supported **CRUD operations** via simple command-line inputs.
- Used **MongoDB** for persistent task storage and multi-user support.
- Prioritized speed, minimalism, and offline functionality.

AI-content generator (Deployment Pending)

A service for automated content creation

- Leveraged **Next.js**, **MongoDB**, and **Clerk** for seamless auth and user sessions.
- Integrated **Gemini API** and **Stable Diffusion** for high-quality media generation.

Full Stack Youtube Clone

GitHub repo :- <https://github.com/Yuvraj-cyborg/youtube-clone-nuxt>

A functional clone of YouTube featuring video playback and search

- Used **Nuxt.js** and **Tailwind CSS** for responsive, accessible design.
- Integrated YouTube API for video search and playback.
- Applied server-side rendering (SSR) and optimized state management.

Skills

Docker • Git • GraphQL • Java • JavaScript • Linux • ExpressJS • Next.js • Nuxt.js • PostgreSQL • Python • React • Rust • SQL • Tailwind • TypeScript • Vue.js • Go • C