

# Pritam Dhara

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## EDUCATION

### Jadavpur University

*Masters in Computer Application – CGPA: 7.55/10*

Kolkata, IN

*Sept. 2024 – Present*

### IGNOU

*Bachelor's in Computer Application – Percentage: 63.79%*

New Delhi, IN

*Jan. 2020 – Feb. 2023*

### Ramakrishna Mission Shilpamandira

*Diploma in Electronics and Telecommunications – CGPA: 8.3/10*

Howrah, IN

*Sep. 2015 – June 2018*

## PROJECTS

### Ynotedu | Professional LMS Online Education Platform

[Link](#) [Code](#)

- Architected a full-stack LMS platform using **Next.js 16**, **TypeScript**, and **PostgreSQL with Prisma ORM**, implementing role-based access control via Clerk authentication for students, instructors, and administrators.
- Developed comprehensive course management system featuring multi-content types (video, PDF, quizzes), section-based organization, and live meeting integration via **Google Calendar API** for scheduled classes.
- Built a complete e-commerce workflow including shopping cart, course enrollment, and payment processing with persistent state management using **Zustand** and PostgreSQL-backed transactions.
- Designed responsive UI components with Bootstrap 5 and SASS, implementing interactive elements using **GSAP animations**, Swiper carousels, and FullCalendar for enhanced user engagement across devices.

### Pclyst | Personal Blogging Platform

[Link](#) [Code](#)

- Engineered and deployed a dynamic blog platform utilizing Next.js, GraphQL, and NextUI, implementing **server-side rendering (SSR)** to optimize page load performance and SEO rankings.
- Integrated Hygraph CMS with GraphQL queries to establish a scalable content management system, enabling efficient content updates and reducing content publishing time by 60%.
- Developed responsive UI components using NextUI framework and Tailwind CSS, ensuring cross-browser compatibility and mobile-first design principles for seamless user experience.
- Implemented automated build and deployment workflows using Vercel/GitHub Actions, achieving 99.9% uptime and reducing deployment time from 15 minutes to under 3 minutes.

### CZvision | Analyze and Generate Image with GenAI

[Code](#)

- Architected and deployed a full-stack image analysis application using React.js and Node.js, integrating Azure Computer Vision and DALL-E 3 APIs to process over 1000+ image requests daily.
- Engineered serverless backend infrastructure using Azure Functions, reducing operational costs by 40% while maintaining 99.9% API reliability and response times under 200ms.
- Implemented an advanced image generation system leveraging OpenAI's DALL-E 3 model, achieving 95% accuracy in prompt-to-image conversion and enabling users to create custom AI-generated artwork.
- Designed and integrated a robust **Computer Vision** pipeline using Azure Cognitive Services, enabling real-time object detection, text extraction, and scene analysis with 90% accuracy rate.

## TECHNICAL SKILLS

**Languages:** C/C++, Java, TypeScript, Python, HTML/CSS, liquid

**Frameworks:** React, Node.js, Next.js, Docker

**Developer Tools:** Git, Firebase, Google Cloud Platform, AWS

**Databases:** MongoDB, PostgreSQL

**Others:** Shopify Theme Development, Wordpress Development

## CERTIFICATIONS

**Full Stack Web development MERN Stack**

*2023*

PrepInsta

## ACHIEVEMENTS

- Contributed to the popular Web3 project, Metamask Extension. Updated Multiple Outdated React Components [Link](#)
- Winner of PartyRock Gen AI Hackathon by AWS [Link](#)