

Dharambir Agrawal

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EDUCATION

Bachelor's in computer science

Grambling State University

Aug. 2024 – May 2028

Grambling, LA

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML/CSS
Frameworks: Next.js, Node.js, SHADE-CN, Tailwind CSS, Express.js
Developer Tools: Git, VS Code, PyCharm, Vercel
Libraries: React, NumPy
Database: PostgreSQL, MongoDB
Microsoft office: Excel, Word, PowerPoint
Developer tools: Git, Docker, GitHub Actions (CI/CD), VS Code

Work EXPERIENCE

Web Development Intern | College of Business | Grambling, LA

October 2024 – Present

- Maintained and updated university website for accurate, timely content and improved user experience
- Supported university IT projects, contributing to planning, execution, and quality assurance
- Managed website content within a CMS, ensuring accessibility and adherence to branding
- Provided technical support for website issues, troubleshooting to enhance functionality

Nourishnow / Hackathon | Grambling, LA

Sept 2024 – Sep 2024

- **Spearheaded** the development of a dynamic web application in a **5-person team**, completing the project within a **6-hour hackathon** timeframe.
- **Integrated** Clarify API for image recognition and Edamam API for recipe recommendations, creating a seamless user experience from image input to personalized recipe output.
- Launched and maintained the application <https://nourishnow.vercel.app> enhancing **user experience** by **50%**

PROJECTS

Pathgurus / Personal / MongoDB, Docker, CI/CD Pipeline, Next.js

Dec 2024 – Present

- Increased monthly page views by 40% within six months through targeted content strategies.
- Grew subscriber base by 25% over the same period, enhancing audience engagement.
- Launched and maintained the application <https://pathgurus.com> enhancing **user experience** by **70%**

Portfolio / Personal / Next.js, Tailwind CSS,

Jul 2023 – Aug 2024

- **Architected** a responsive portfolio website using Next.js and React, **achieving** a Lighthouse performance score of **95+**.
- **Improved** site **SEO**, resulting in a **50% increase** in organic traffic within the first month of deployment.
- **Developed and optimized** <https://dharambir.com.np>, attracting recruiters and giving more info about myself.

Gametictac / Personal / Node.js, Next.js, Socket.io, Tailwind CSS

Aug 2022 – Aug 2022

- **Created** a real-time multiplayer game using Next.js and Socket.io, **supporting** up to **100** simultaneous game sessions.
- **Optimized** WebSocket connections, **reducing** latency to under **100ms** for an enhanced user experience.
- Launched and maintained the application <https://tic-tac-toe-gcrs.onrender.com/>

Cursolog / Personal / Next.js, Tailwind CSS, React, Node.js, Express

May 2021 – June 2021

- **Developed** a blog platform using Next.js and React, **supporting** over **30** dynamic MDX-based articles.
- **Implemented** SEO optimization techniques, **boosting** search engine visibility by **60%**.
- **Designed** and deployed a scalable backend using Node.js and Express, capable of handling **1000+** concurrent users.
- Launched and maintained the application <https://cursolog.vercel.app>

ACADEMIC ACHIEVEMENTS

- Recipient of Academic Achievement Scholarship for Full Ride at Grambling State University