Furba Lama Sherpa
Software Engineer (Full Stack Developer)

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https://gintama32.github.io/Portfolio/

PROFILE

Highly motivated Computer Science student with hands-on experience in full stack development, seeking an entry level software engineer position. Proven ability in Object Oriented Programming, solid understanding of foundational data structures and algorithms, frontend and backend technologies, database management, and deployment processes. Collaborative team player committed to continuous learning and staying updated with industry trends.

EDUCATION

Southeast Missouri State University || Cape Girardeau, Missouri || B.S. in Computer Science   Dec 2025

AWS Certified Cloud Practitioner   4.0 GPA (Dean's List every semester)

WORK EXPERIENCE & PROJECTS

Anonymous Next.Js Messaging Web App (Personal Project)   https://github.com/Gintama32/New_project
Aug 2024 – Sept 2024

Developed a secure, full-stack anonymous messaging web application using Next.js, incorporating server-side rendering (SSR) and dynamic site generation (DSG) for high performance. Key aspects include:

- Authentication & Session Management: Implemented secure user authentication with NextAuth, ensuring seamless session handling.
- UI & Design: Designed a responsive and accessible interface using Tailwind CSS, with reusable components built through the shadcn framework.
- TypeScript & React: Employed TypeScript to enhance type safety, minimize bugs, and improve maintainability. Utilized React Hooks and useRouter for dynamic state and routing management.
- Database Design: Built efficient, scalable database models using Mongoose, emphasizing strong knowledge of database design principles. Integrated MongoDB for secure data storage.
- Validation & API Requests: Validated forms and API requests with Zod, ensuring data integrity and security.
- AI Integration: Leveraged OpenAI for auto-generating messages, enhancing user interaction and engagement.

AI-Powered Image Analysis Web App

(Personal Project)   https://zippy-kleicha-99f2cc.netlify.app/

- Built a web application that utilizes Clarifai's General Image Concept Model to analyze and extract insights from images.
- Developed the backend with Express.js and integrated Clarifai's gRPC API for efficient image processing.
- Designed and implemented a PostgreSQL database to store and manage user-uploaded images and analysis results.
- Created a responsive front-end with React for seamless user interaction.

Radical AI (Fall Internship)

AI Engineer Intern   **Oct 2023 – Jan 2024**

- Participated in a hackathon, leveraging Google Gemini AI and LangChain frameworks to develop an AI-powered financial analysis tool.
- Gained hands-on experience in AI model training using Vertex AI, including data preparation, model tuning, and evaluation.
- Developed AI-enhanced object-oriented python applications by integrating OpenAI language models for advanced conversational and analytical capabilities using

TECHNICAL EXPERTISE

Programming Languages	Java, C, Python, Ruby
Web Technologies	HTML5, CSS3, JavaScript, JSON, NodeJS, React, Tailwind CSS, Next JS, TypeScript
JAVA Technologies	Java
Framework & Libraries	React, Node JS, Express.JS, shadcn
Databases	MySQL, Mongo DB, SQLite
Version Control	Git, GitHub
Application Servers &Tools	Amazon EC2, Docker, Postman. Linux, PowerShell, AWS