Furba Lama Sherpa

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

Software Engineer (Full Stack Developer)

# 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.
* Email Verification: Integrated Resend for secure and reliable email verification, ensuring user authenticity during sign-up.

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

IT Intern New York

Sherpa Construction Company Jun 2023 – August 2023

* Managed a sophisticated cloud database system, ensuring meticulous organization and accessibility of all files and directories.
* Leveraged a strong understanding of Microsoft and Apple operating systems to swiftly identify and resolve technical issues, minimizing disruptions in productivity.
* Developed and implemented data collection and management procedures, aligning with coursework, and demonstrating proficiency in applying theoretical knowledge to practical scenarios.

# TECHNICAL EXPERTISE

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| 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 |