

Rabindra Giri

Hattiesburg, United States | (601)-307-2807 | [LinkedIn](#) | [Github](#) | yelish.giri1@gmail.com

EDUCATION

The University of Southern Mississippi

Hattiesburg, MS

Bachelor's of Science - Computer Science

Cumulative GPA: 4.0

- Relevant Coursework: Linear Algebra, Data Structure and Algorithm, Secure Software Development, Software Development Foundations, Database Management System, Operating Systems, Intro To Software Engineering, MAT Prob and Stat I

EXPERIENCE

Learning Assistant

Aug 2024 - Dec 2024

The University of Southern Mississippi

- Guided 60+ students in developing problem-solving skills and fostering a growth mindset, leading to a 20% improvement in test scores on average.
- Participated in 10+ training sessions and workshops to enhance tutoring techniques and subject knowledge.
- Supported two classes and 50+ students, tracking progress and providing targeted homework and test preparation assistance across 100+ sessions.

Undergraduate Researcher

Jan 2025 - Present

The University of Southern Mississippi

- Conducting research on machine learning algorithms, focusing on optimization, performance, and real-world applications.
- Collaborating with faculty and peers to implement, test, and refine models while maintaining detailed documentation of research progress.

PROJECTS

Xeno

<https://xeno-documentation.vercel.app/>

Lead Developer and Founder

- Introduced state-of-the-art automation technology for e-commerce moderation and form filling, reducing product listing time by 80%, and presented at Hatchathon 2024 at USM before a panel of judges.
- Developed a React Native component with a Python Flask backend, leveraging GroqAPI and Ollama Vision for 95% accurate image identification and seamless integration into e-commerce platforms.

Rentora

Lead Software Developer

- Built a peer-to-peer rental platform using TypeScript, React Native, Expo, and Jamstack architecture, reducing development time by 40% through modular and scalable design.
- Integrated Stripe for secure payment processing, enabling seamless transactions between users.
- Developed an intuitive interface with efficient search functionality and category filters, improving search speeds by 20% across 10+ product categories. Enhanced user trust by integrating a review system, increasing positive user feedback by 15%, all styled with Tailwind CSS for consistent and responsive design.

Honors and Awards

- **LendIt - USM Golden Idea Pitch Competition Finalist:** Selected as one of the top 8 finalists out of 50+ teams for presenting an innovative solution to a panel of industry experts.
- **USM Academic Excellence and First Year Housing Scholarship**
- **President's List (3X):** Awarded for maintaining a 4.0 GPA throughout all semesters at USM.

SKILLS

Technologies: Git, GitHub, Appwrite, Clerk, Google Cloud, Expo, Prisma, Redux, Docker, Firebase

Framework: React.js, Node.js, Express.js, Tailwind, Bootstrap, Flask

Languages: JavaScript, HTML, CSS, C++, Python, TypeScript