

# Avin Sapkota

Cape Girardeau, Missouri, 63701

(716) 294-7788 | [G-Mail](#) | [LinkedIn](#) | [Portfolio](#) | Expected Graduation: May 2025

## SKILLS

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- **Programming Languages:** Python, JavaScript, CSS, HTML, Ruby, SQL
- **Frameworks/Libraries:** Flask, Django, React, Node.js
- **Databases:** MySQL, MongoDB, Firebase, Oracle DB
- **Developer Tools:** GitHub, AWS, Docker, VSCode, PyCharm
- **Concepts:** Object-Oriented Programming, Data Structures & Algorithms, System Design, Distributed Systems

## EXPERIENCE

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**Software Development Intern:** Trinity International College | Kathmandu, Nepal | 05/2022 – 08/2022

- Designed and optimized database queries to improve backend efficiency.
- Developed API endpoints to enhance frontend-backend integration.
- Implemented SQL optimizations for faster data retrieval and processing.
- Collaborated with a team using Git for version control and AWS for cloud deployment.

## PROJECTS

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**Rental Property Management App** | Southeast Missouri State University | 2024

- Developed a web-based system for landlords to manage tenants, properties, and financial records.
- Designed and implemented class, state, and sequence diagrams to model system architecture.
- Utilized object-oriented principles and SQL databases to manage data efficiently.
- Collaborated with a team using Agile methodology and GitHub for version control.

**True SEMO Project** | Southeast Missouri State University | 2025

- Led the presentation of key project features, enhancing student engagement.
- Assisted in designing intuitive user interfaces and refining project documentation.
- Effectively communicated technical concepts to diverse stakeholders.

## EDUCATION

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**SOUTHEAST MISSOURI STATE UNIVERSITY** | Bachelor's in Computer Science (2021 – 2025)

Course Work: Algorithms & Data Structures, Database Management, Cloud Computing, Software Engineering, AI.

**ADDITIONAL SKILLS:** Strong analytical and ability to solve issues, with experience in complexity analysis and designing algorithms. Familiar with multi-tiered designs and an understanding of distributed systems. Enthusiasm for developing software, learning more and continuous improvement.

**CONNECTIONS:** GREEK LIFE (LAMBDA CHI ALPHA) 2022-2025