Avin Sapkota

Cape Girardeau, Missouri, 63701

(716) 294-7788 | avinsapkota333@gmail.com | linkedin.com/in/avin-sapkota |**Expected Graduation**: May 2025

SKILLS

- **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

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

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

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