

AVIN SAPKOTA

SOFTWARE DEVELOPER

(WILLING TO RELOCATE)

(716) 294-7788 - avinsapkota7@gmail.com - [LinkedIn](#) - [GitHub](#) - [Portfolio](#)

SUMMARY

A Senior year Software Developer with various programming skills, working on web applications using React.js, Node.js, and Express.js. Committed to learn and grow in a collaborative environment, with a focus on writing clean and maintainable code with a good knowledge of Software Development Lifecycle. Always looking to improve and take on new challenges.

SKILLS

- **Hard skills:** JavaScript, Python, CSS, HTML, Tailwind CSS, MySQL, MongoDB, PostgreSQL, Typescript, React.js, Express.js, Next.js, Node.js, Django, Git, GitHub, Docker, VSCode, Postman, Notion, AWS, Agile Methodologies, Code Reviews, Debugging, Performance Optimization, CI/CD, UI/UX Design
- **Soft skills:** Fast Learner, Leadership, Critical Thinking, Problem Solving Skills, Excellent Verbal Communication, Time Management, Attention to Detail, Good Organizational Skills, Project management, Innovative, Customer care

EDUCATION

[Bachelor of Science in Computer Science](#)

End Date - May 2025

Southeast Missouri State University

- **Honors & Awards:** Received International Achievement Award & SEMO Dean's list 2022 and 2024.
- **Relevant Coursework:** Data Structures & Algorithm, Cloud Computing, Database Management, Software Engineering, Artificial Intelligence, Operating Systems, IT project management and security

PROJECTS

[Convenience App – \(Gasoline Price & Direction Finder\) Full Stack App](#)

Mar 2025 – Present

- Developing a full-stack gas price tracking app with Next.js frontend and Express.js backend, integrating real-time data updates, and building a Python web scraper for accurate gas price collection, optimizing API response times.
- Implementing JWT authentication & Role-Based Access Control (RBAC) for secure admin management.
- Integrating AWS (S3, Lambda) for hosting, storage, and notifications, improving scalability.
- Automated CI/CD pipeline with GitHub Actions & AWS Code Deploy, reducing deployment time by 40%.
- Containerizing backend services with Docker, streamlining deployments.
- Setting up API monitoring & logging with AWS CloudWatch, reducing response time issues by 30%.
- Implementing unit testing (Jest) to ensure code reliability before deployment.

[Semo News App – News Portal Full Stack App](#)

Aug 2022 – Jan 2023

- Developed a full-stack news platform with JWT-based authentication, ensuring secure login and registration.
- Built an admin panel to manage news, easy content management through listing, editing, and updating features.
- Implemented search functionality, allowing users to find relevant news articles quickly by integrating a search system.
- Enabled users to comment and update comments on articles, fostering interaction by providing a commenting feature.
- Provided admin privileges to delete inappropriate comments, maintaining content quality by adding moderation.
- Designed a responsive UI with React.js and Tailwind CSS, improving user experience by optimizing layout.

CERTIFICATION

[Angela Yu \(Udemy\) | Full Stack Software Developer Certificate](#)

Present

- Relevant Technologies: HTML, CSS, JavaScript, React.js, Node.js, Express.js, Python, Flask, NFT minting, SQL

EXPERIENCE

[Southeast Missouri State University | ShowMe Center – Event Staff](#)

Aug 2021 – Present

- Set up and dismantled event equipment, ensuring smooth operations and minimizing technical disruptions.
- Coordinated crowd control and guest flow, reducing attendee complaints by 25% through clear communication and on-site assistance and provided best hospitality.
- Provided frontline guest support, addressing inquiries and concerns promptly, contributing to a 90% satisfaction rate in post-event feedback.

[Trinity International College | Kathmandu, Nepal – IT lab Assistant](#)

Jul 2019 – May 2021

- Maintained IT lab equipment, ensuring 100% functionality for 50+ students through regular updates.
- Identified and evaluated student inquiries and technical difficulties in a timely and personable manner.
- Promptly and personally addressed student queries and technical issues.