AVIN SAPKOTA

SOFTWARE DEVELOPER (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, MySQL, MongoDB, Postgres, React.js, Express.js, Nodejs, Django, Git, GitHub, Firebase, Docker, Kubernetes, VSCode, Postman, Notion, AWS
- **Soft skills:** Fast Learner, Leadership, Creative Thinking, Problem Solving Skills, Excellent Verbal Communication, Time Management, Attention to Detail, Good Organizational Skills, Project management, Committed, Innovative, Listening, Teamwork

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.

PROJECTS

Convenience App – (*Gasoline Price & Direction Finder) Full Stack App* Mar 2025 – Current
- Developing a full-stack app to help users find gas prices and directions to nearby gas stations, with a focus on user experience and real-time data.
- Implementing a Python web scraper to collect real-time gas price data, ensuring 100% accuracy.
- Creating a Next.js frontend to display gas prices and directions, optimizing the UI for ease of use.
- Building an Express.js backend to manage gas data and user authentication, providing real-time updates.
- Integrating AWS services for hosting, storage, and notifications, ensuring scalability and reliability of the application.
- Implementing JWT-based user authentication and Role-Based Access Control (RBAC) to secure admin-level features, such as gas price management.

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

IBM Full Stack Software Developer Professional Certificate Current
- Relevant Technologies: HTML, CSS, JavaScript, React.js, Node.js, Express.js, Python, Django, Docker, Kubernetes, Pandas, NumPy

EXPERIENCE

Southeast Missouri State University | ShowMe Center – *Event Staff* Aug 2021 – May 2025
- Set up and dismantled event equipment, ensuring seamless operations and minimizing technical disruptions.
- Coordinated crowd control and guest flow, reducing attendee complaints by 25% through clear communication and on-site assistance.
- Provided frontline guest support, addressing inquiries and concerns promptly, contributing to a 90% satisfaction rate in post-event feedback.

Trinity International College – *IT lab Assistant* May 2019 – Apr 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.