

Shailesh Paudel

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EDUCATION

NC State University, Raleigh, NC

August 2020 - May 2024

B.S in Computer Science

- Courses: DSA, OOP, Discrete Math, AI, Theory of Comp, Web Dev, C/Software Tools, Operating System
- Technologies: Git, Svelte, Flask, MySQL, React, Node.js, Bootstrap, Docker, AWS, Linux OS
- Programming Languages: Java, Python, C++, JavaScript, HTML, CSS, JavaScript
- Certificates: Agile Software Development, Microsoft Azure

WORK EXPERIENCE

LexisNexis Legal (NCSU Senior Design)

Jan 2024 – April 2024

- Developed an AI chatbot for LexisNexis to analyze and interpret hallucinations in LLM output, utilizing RAG techniques.
- Implemented and deployed a scalable application on AWS using Python, Langchain, Gemini, Flask, Svelte, Docker, NGINX, and MySQL.
- Demonstrated a strong work ethic in task delegation and communication management.

Squeaky Klin – Web Development

May 2023 – Aug 2023

- Developed and maintained dynamic web applications using JavaScript and React, enhancing user experience and responsiveness.
- Leveraged AWS services for hosting, storage, and deployment, improving application performance.
- Utilized GitHub for version control and collaborative development, ensuring efficient project management and continuous integration.

Conceptual Resources – Software Development Team Member

Jan 2022 – May 2022

- Assisted in gathering and analyzing user requirements, ensuring the alignment of software solutions with end-users.
- Researched and recommended innovative technologies and tools to optimize software development processes.
- Collaborated closely with the team members to accomplish the required task and helped set up the full-stack development tools.

PROJECTS

Nutrition Exhibition Team Project (VS Code, HTML, CSS, JavaScript, Bootstrap, Node.js)

- Developed a dynamic web page using HTML, CSS, and JavaScript, with a focus on both frontend and backend aspects. Implemented server-side verification using Node.js, ensuring secure interactions.
- Incorporating drag-and-drop functionality for users to estimate calorie amounts. Employed JSON files and middleware tokens for efficient data management and authentication techniques.
- Enhanced the user interface and experience by integrating Bootstrap, resulting in a visually appealing and responsive Website.