Sushant Shrestha

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EDUCATION

Northern Kentucky University   Highland Heights, KY
Bachelor of Science in Computer Information Technology; GPA: 3.879   *May 2026*
- **Awards/Honors:** EDGE and EDGE Plus Scholarship, Merit Scholarship, Presidents Honor's List
- **Coursework:** Introduction to Programming, Object-Oriented Programming, Fullstack Application Development, Introduction to Databases, Introduction to Linux, Data Structure and Algorithms
- **Organization:** College of Informatics Ambassador, Human Computer Interaction Lab

EXPERIENCE

Software Engineering Fellow   June 2024 – Present
Headstarter   *Remote*
- Building 5+ AI apps and APIs using NextJS, OpenAI, Pinecone, StripeAPI with 98% accuracy as seen by 1000 users
- Developing projects from design to deployment, leading 4+ engineering fellows using MVC design patterns
- Receiving coaching from Amazon, Bloomberg, and Capital One engineers on Agile, CI/CD, Git, and microservice patterns

Student Researcher   May 2024 – Present
College of Informatics, Northern Kentucky University   *Highland Heights, KY*
- Developed multiple functionalities of a website, including a **multi-functional navigation bar** and a **remediation assignment feature**
- Designed and distributed a survey to collect data for research purposes, and **analyzed responses** to derive actionable insights
- Collaborated effectively within a team of 4-7 members to **achieve project objectives**

PLUS Tutor   August 2023 – May 2024
Learning PLUS, Northern Kentucky University   *Highland Heights, KY*
- Provided **individualized support** to students in multiple subjects, customizing teaching methods for their unique needs
- Developed and implemented individualized lesson plans, resulting in **improved understanding and academic performance**

PROJECTS

Fidelity Finance | *JavaScript, HTML/CSS, Python*   2023
- Spearheaded the creation of a **first-place-winning application** at the Fidelity Hackathon, utilizing the MERN stack and Redux Toolkit
- Developed an **AI-powered chatbot** using OpenAI's GPT-4 for personalized financial advice
- Implemented a **content-based recommendation system** to suggest relevant financial videos

Apartment Reviews | *HTML/CSS, JavaScript*   2023
- Developed a full-stack application with **distinct API, web, and static routes** to serve JSON documents, customized HTML pages, and static assets
- Implemented an **authentication system** using MongoDB for user credential storage
- Configured the application to include both **public sections** and **member-only features**

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript
Web Development: HTML, CSS, ReactJS, Bootstrap
Databases: SQL, MongoDB, PostgreSQL
Tools and Frameworks: Git/Github, Redux Toolkit, ExpressJS, NodeJS, Linux CLI, Matplotlib, Pandas