

CAREER PROFILE

A versatile full-stack developer with a strong interest in both design and development, dedicated to building responsive, user-focused applications that are both technically sound and visually engaging.

SKILLS

Languages: C#, Python, PHP, Javascript, C++, C	Frameworks: WordPress, Laravel, Blazor, React JS, Angular, Pandas, NumPy	Operating Systems: Windows, Linux
Design Tools: Adobe XD(Photoshop, Illustrator, InDesign, XD), Figma, Sketch	Databases: MySQL, MongoDB, PostgreSQL	Other Skills: RESTful APIs, Git, Agile/Scrum, UI/UX Design, Data Visualization, Web Accessibility
Cloud & DevOps: AWS(S3, EC2, Lambda), Azure, Docker, Kubernetes, CI/CD (Github Actions, Jenkins)		

EDUCATION

East Tennessee State University- Johnson City, TN	May 2025
Master’s Degree in Computer Science	
Honors - Research Assistant (Data Analysis)	
Kathmandu University - Dhulikhel, Nepal	March 2019
Bachelor’s Degree in Computer Science	

EXPERIENCE

International Storytelling Center – Jonesborough, TN	Jan 2024 - Present
Blazor/Python Developer (Capstone Project)	
<ul style="list-style-type: none">Migrated and redeveloped the website from WordPress to a modern C#/Blazor architecture, designing intuitive UIs to improve user experience and integrating a responsive frontend with a robust Blazor Server backend.Built and deployed a backend administrative portal to streamline data management; implemented REST APIs for audio uploads, transcription handling, and data retrieval.Developed a microservice in Python using the MinIO SDK for automating audio-to-text transcription, integrating the pipeline seamlessly with the Blazor frontend.Led the Docker-based deployment of services on a VM server, configuring AWS S3 and MinIO for scalable object storage and applying CI/CD practices via GitHub Actions for automated builds and testing.Managed a team of four, delegating tasks, conducting peer reviews, and driving efficient workflows through Agile sprint cycles and collaborative development practices.Led regular meetings with clients and advisors to maintain project alignment, clarify requirements, and ensure delivery of high-quality, user-focused solutions.	
Department of Nursing – East Tennessee State University, TN	May 2024 - May 2025
Research Assistant (Data Analysis and Visualization)	
<ul style="list-style-type: none">Analyzed and visualized large datasets using SPSS to identify data trends and frequenciesGenerated comprehensive reports for each research survey, ensuring accurate data representation	
Vanilla Transtechnor – Kathmandu, Nepal	August 2021 - April 2023
Software Developer (Web Development)	
<ul style="list-style-type: none">Lead - Developed and deployed WordPress-based websites on cloud servers to enhance scalability and performanceDeveloped a Learning Management System (LMS) using Moodle to improve their educational platformOrganized and tracked software development issues and QA results for the Remittance project	
Eight Square Pvt.Ltd – Kathmandu, Nepal	Dec 2018 - August 2021
Junior Software Developer (Web Development)	
<ul style="list-style-type: none">Lead - Designed and developed a corporate website with responsive layouts, achieving cross-device compatibilityBuilt visually appealing UI and functional interfaces using HTML5, CSS, and SASS for multiple website projectsSupported a fitness app project backend with feature designs tailored for elderly users	
Freelance Developer – Kathmandu, Nepal	March 2019 - August 2021
UI/UX Developer	
<ul style="list-style-type: none">Designed and Developed (UI/UX) of the Covid19 Nepal Project - https://thiscovidnepal.onrender.com/Produced cross-media designs for digital and print formats, ensuring consistency and impact for various eventsDesigned Website skeleton(UI/UX) for award-winning projects for MIT/GSL, focusing on UX/Design PrinciplesCollaborated with open-source communities to contribute creative and technical solutions	