

Shashanka Luitel

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EDUCATION

Kathmandu University <i>Bachelor of Computer Engineering</i>	Dhulikhel, Nepal Dec. 2020 – Aug 2025
DAV College <i>+2, NEB</i>	Jawalakhel, Nepal 2018 – 2020
CVM Secondary School <i>Secondary Education Examination</i>	Gatthaghari, Nepal 2011 – 2018

EXPERIENCE

Software Engineer <i>Citytech Group Pvt. Ltd.</i>	Apr. 2025 – Dec 2025 Kamaladi, Kathmandu
<ul style="list-style-type: none">Contributed to the development and enhancement of remitPulse, a production-level fintech admin portal used for remittance and compliance workflowsImplemented Redux and Redux Toolkit for global state management and handling asynchronous API callsContributed to analyzing and modifying existing stored procedures, gaining hands-on experience with databases and MS SQL queriesTested and validated APIs using tools such as Postman and SwaggerActively participated in Agile workflows including daily standups, sprint planning, Tasks ticketing, Git branching, pull requests, and peer code reviews via Github	

PROJECTS

Trek Diaries Website | *Next.js, TailwindCSS, NeonDB, DrizzleORM, Cloudinary, NextAuth*

- Developed a social media platform for trekking and hiking enthusiasts with location exploration and user connection features
- Implemented interactive content sharing including posts, likes, and comments
- Integrated a recommendation system to personalize content and enhance user experience

Trek Diaries Mobile App | *Expo(React Native Framework), NeonDB, DrizzleORM, Cloudinary, Algolia*

- Developed a mobile app for trekking and hiking enthusiasts to discover locations and connect with fellow adventurers
- Built social features including posts, likes, and comments for sharing experiences
- Delivered a seamless, user-friendly platform tailored for outdoor exploration

Chat Message | *React.js, Socket.io*

- Developed a real-time chat application
- Enabled users to exchange messages instantly from anywhere

Battleship | *React.js, Node.js, MongoDB, Socket.io*

- Developed a browser-based multiplayer strategy game where players command fleets of warships
- Implemented turn-based gameplay allowing players to guess opponents' hidden ship locations
- Designed game logic to track hits, misses, and fleet destruction conditions

Flight Delay Data Visualization | *Streamlit, Python*

- Developed a comprehensive data mining and visualization dashboard to analyze historical flight data
- Processed key metrics including delay durations, cancellation reasons, and temporal trends
- Identified actionable patterns to provide insights on flight delays and cancellations

Maze Runner 2D Simulation Game | *Python*

- Developed a 2D car simulation game using Python, Pygame, and PyOpenGL
- Players navigate a car through a maze to reach the finish line

TECHNICAL SKILLS

Languages: Javascript, Python, C/C++, SQL, HTML/CSS

Frameworks: React.js, Next.js, Node.js, Express, Flask, Ant Design, Redux and Redux Toolkit, Expo (React Native), TailwindCSS, ShadCn

Developer Tools: Git and Github, Docker, VS Code, Visual Studio, Swagger, Postman, Streamlit, Datagrip, Notion, Android Studio, Canva, Adobe InDesign, Adobe Illustrator

Soft Skills: Presentation, Collaboration, Teamwork, Problem-solving, Listening, Fast-learner

EXTRACURRICULAR ACTIVITIES

Developer Lead

Aug. 2024 – Dec 2024

IT MEET 2024

- Leading a team of developers to build and maintain a fully responsive and dynamic website of IT MEET 2024, which is one of the biggest tech event in Nepal
- Collaborating with the design team to ensure seamless UI/UX across all devices

Beta Microsoft Learn Student Ambassador

Nov. 2023 – Mar 2025

MICROSOFT (MLSA)

- Conducted workshops in multiple schools to empower students to cultivate early coding habits
- Organized events, and workshops to promote the use of Microsoft technologies
- Received training and resources from Microsoft to enhance technical skills and leadership abilities

Design Community Committee Member

2021 – 2023

KATHMANDU UNIVERSITY COMPUTER CLUB (KUCC)

- Participated in various events organized by KUCC, including seminars, exhibitions, hackathons etc
- Volunteered for different programs and workshops organized by the Design Community

Designer Sub-Lead

Sep. 2023 – Oct 2023

KU HACKFEST 2023

- Designed visual assets for the event, ensuring alignment with the overall theme and objectives
- Collaborated with other teams to maintain a consistent and cohesive event presentation

Graphic Designer

Nov. 2022 – Dec 2022

IT EXPRESS 2022

- Assisted in the publication of the IT Express Journal using Adobe InDesign and other design tools
- Contributed to improving the magazine's visual layout and presentation

CERTIFICATIONS

Basic concept of AI and ML ([Link](#))

Neural Network and Deep Learning ([Link](#))

Google High-Fidelity Designs and Prototypes in Figma ([Link](#))

Principles of UX/UI Design ([Link](#))

React Native ([Link](#))

React Native Unveiled: From Basics to Mobile Mastery ([Link](#))

LANGUAGES

Nepali [Native]

English [Fluent]

Hindi [Fluent]

German [Learning]

French [Learning]