

# Shashanka Luitel

 [luitelshashanka.com.np](mailto:luitelshashanka.com.np) |  [sbishalluitel7@gmail.com](mailto:sbishalluitel7@gmail.com) |  [LinkedIn](#) |  [Github](#)

## EDUCATION

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### Kathmandu University

*Bachelor of Computer Engineering*

Dhulikhel, Nepal

*Dec. 2020 – Aug 2025*

### DAV College

*+2, NEB*

Jawalakhel, Nepal

*2018 – 2020*

### CVM Secondary School

*Secondary Education Examination*

Gatthaghar, Nepal

*2011 – 2018*

## EXPERIENCE

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### Software Engineer

*Citytech Group Pvt. Ltd.*

Apr. 2025 – Dec 2025

*Kamaladi, Kathmandu*

- Contributed to the development and enhancement of remitPulse, a production-level fintech admin portal used for remittance and compliance workflows
- Implemented Redux and Redux Toolkit for global state management and handling asynchronous API calls
- Contributed to analyzing and modifying existing stored procedures, gaining hands-on experience with databases and MS SQL queries
- Tested and validated APIs using tools such as Postman and Swagger
- Actively participated in Agile workflows including daily standups, sprint planning, Tasks ticketing, Git branching, pull requests, and peer code reviews via Github

## PROJECTS

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### [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

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**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

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### 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

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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

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**Nepali** [Native]

**English** [Fluent]

**Hindi** [Fluent]

**German** [Learning]

**French** [Learning]