

TUSHAKA SHRESTHA

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GitHub: <https://github.com/Tushaka>

Objective

I am a recent Computer Engineering graduate with a strong academic record and genuine interest in software quality and user experience. While I have worked on several front-end projects using React and JavaScript, I have always found myself drawn to making sure everything works smoothly and reliably. I enjoy digging into details, spotting issues others might miss, and working with teams to improve how things work. I am now looking to start my career in QA, where I can learn even more about testing processes and contribute to building better and more reliable software.

Education

Bachelor of Computer Engineering

Advanced College of Engineering and Management | Kathmandu, Nepal

April 2021 – June 2025

+2 Science

Gems Institute of Higher Education (GIHE) | Lalitpur, Nepal

July 2018 – January 2021

Secondary Education Examination (SEE) GEMS

School | Lalitpur, Nepal

May 2007 – June 2018

Technical Skills

- Designing and executing Test cases.
- Attention to details
- Knowledge of software testing concepts and methodologies
- Basic idea about developing a test plan
- Manual Testing
- Front-end Development: HTML, CSS, JavaScript and React JS
- Tools & Platforms: Git, GitHub, Figma
- Other Programming Languages: Python, C, C++
- Other: Strong communication and teamwork skills

Projects

Portfolio Website

Made a portfolio website using HTML, CSS and JavaScript to showcase projects, skills, achievements, and experiences in a clean interactive layout.

<https://tushaka.github.io/Portfolio/>

Vidyalaya

Developed a complete front-end school management website using React Js which aimed at streamlining communication between school administration, teachers, students, and parents. This platform includes attractive home page, introduction, academics, gallery and contact form for inquiries. It is focused on clean UI/UX, mobile responsiveness and ease of navigation for accessible use.

<https://github.com/Tushaka/Vidyalaya.git>

Code and Crumbs

Developed a user-friendly website that helps visitors to explore food reviews. This platform helps to share honest and dedicated reviews of cafes or restaurants across Nepal. It has an attractive home page, description about the team, and review pages with location and ratings.

<https://github.com/Tushaka/Codeandcrumbs.git>

VoiceMate – Voice Controlled Chess Application

Collaborated in a team to develop a voice-controlled chess application that enables users to play chess hands-free using speech recognition and real-time voice feedback. In this project my role was to develop a custom Speech-to-Text model using Temporal Convolutional Networks (TCN), including data collection, preprocessing, and training.

<https://github.com/shrijanRegmi/voicemate-major.git>

Sindhu Kathmandu

Built a website for a cooperative SindhuKathmandu Savings and Credit Cooperative Limited. This was a freelancing project of a cooperative located in Chabahil, Kathmandu. In this project my role was frontend development using ReactJS. This is on the phase of completion.

<https://github.com/Tushaka/SindhuKathmanduwebsite.git>

Certifications & Workshops

- Workshop on Docker – PACE (2023)
- 3-Day Workshop on Git, GitHub & Open-Source Contribution – PACE (2022)
- Workshop on Figma Design – Advanced Robotics Club (2023)

Experience

Software Quality Assurance Trainee | Deerwalk Training Center
Present

Treasurer | PACE (Project Association for Computer and Electronics)

July 2024 – June 2025

- Managed club finances and coordinated technical events.

Member | PACE

July 2022 – June 2024

- Participated actively in making technical projects and organizing hackathons and workshops.

Achievements

- Best Paper Award at SET Conference 2024 for the paper titled “Comparison of Various Models in Text to Move Conversion of Chess Sentences.”
- First Runner Up at Hult Prize at ACEM for the project idea ReClaim.
- First Runner Up in Meshmerize at Technorion Nepal 2022, qualified to represent Nepal in Meshmerize at IIT Bombay.

Reference

Shrijan Regmi

Software Developer

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