

TUSHAKA SHRESTHA

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

Objective

I am a recent Computer Engineering graduate with a strong interest in front-end development. I have worked with HTML, CSS, JavaScript, and recently started learning React JS. I am now looking for an opportunity to apply and grow my React skills. I am seeking to launch my career with a growth-focused program where I can continuously learn and adapt to emerging technologies.

Education

Bachelor of Computer Engineering

Advanced College of Engineering and Management | Kathmandu, Nepal

April 2021 – Present (Awaiting final results)

+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

- Front-end Development: HTML, CSS, JavaScript and React JS
- Tools & Platforms: Git, GitHub, Figma, Docker
- 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>

Calculator

Built a web-based calculator that supports fundamental arithmetic operations like addition, subtraction, multiplication, division. Designed a minimalist user interface using HTML, CSS, and JavaScript.

<https://github.com/Tushaka/JS-Calculator.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

Treasurer | PACE (Project Association for Computer and Electronics)

July 2024 – Present

- Managed club finances and coordinated technical events.

Member | PACE

July 2022 – June 2024

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

Languages

- Nepali -English
- Newari -Hindi