

Mukesh Aryal

Third Year Computer Engineering Student
Loves solving real-world problems with code

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APPROACH

The guiding principles reflected in my design language and code are minimalism, efficiency, and tidiness. If you are passionate about what you're working on and love and care for it deeply, then the same care will be reflected in the things you create.

EDUCATION

Pulchowk Campus, Lalitpur — *Bachelors in Computer Engineering*

2023 -

Currently pursuing a Bachelor's Degree in Computer Engineering

PROJECTS

Slideshow — *Tauri Desktop App with Rust and Svelte*

Created a desktop application with Tauri that shares the slides during a presentation to the audience in real time with WebSockets. The audience connects to the desktop app server and can view and save the slides from their browser.

Boop Chat — *React Web App with Node Backend*

Created an ephemeral chatting web app using React for the frontend and Node for backend. Has chatting app gestures, reactions, replies and video call feature with pop-out video view. Uses Zustand for state management, React Use Gesture for gestures and React Spring for animations

Focused App — *React Native Android App*

Designed a React Native Android app with custom Kotlin native modules, leveraging the Accessibility Service API to intercept and block short-form content across social media apps and designated websites for set intervals, and employing Encrypted Storage for secure offline streak tracking.

ATTRIBUTES

Good communication skills
Minimalistic design language
Collaborative
Expressive writing style

TECHNOLOGIES

Semantic HTML and CSS
Basic Python with NumPy and TensorFlow
Basic Rust with Tauri
Basic PHP with Laravel
Basic C++ with STL
Intermediate Javascript with React and Svelte
Intermediate React Native for Android

LANGUAGES

English, C, C++, Python, Rust, PHP, and JavaScript