

Abi Shrestha

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SUMMARY

Computer Engineering graduate from Khwopa College of Engineering with 4 years of coding experience, currently working as an iOS Engineer.

WORK EXPERIENCE

iOS Engineer - Veel July 2025 - Present

- Actively contributed while shifting from React Native to native platform
- Coordinated with Product, Design and Backend teams to ship features across the app
- **Technologies:** SwiftUI, SPM, XCode, XCloud

React Native Internship - Veel April 2025 - June 2025

- Learned React Native and made a chat app as internship project
- Maintained the legacy react native codebase
- **Technologies:** React Native, Redux, Expo

Web Development Team Lead - AR Treasure Hunt October 2024 - December 2024

- Led web development for event website
- Managed cross-functional team to ensure high-quality design and user experience
- **Technologies:** React, TypeScript, Tailwind CSS, Tanstack Router and Query
- **Reference:** Bibhushan Saakha (Event Lead) - 9840103828

PROJECTS

JUNU: Government Office Voice Assistant [Link to Repo](#)

- Hackathon project addressing citizen challenges in government offices
- Developed AI-powered voice assistant to streamline citizen interactions
- Awarded AI Track Winner at Semicolon Hackathon

Nepali Voice Cloning

- Bachelor's final-year project exploring
- Researched voice synthesis technologies
- Developed a functional voice cloning application in nepali language

Manga Colorization using Cyclic GAN [Link to Repo](#)

- Bachelor's third-year project exploring computer vision techniques
- Developed FastAPI backend and React frontend for manga colorization
- Researched advanced image processing and generative AI techniques

StudyHub (Hackademia 2.0) [Link to Repo](#)

- Contributed as a frontend engineer during a 3-day hackathon.
- It is a self-learning tools, allowing students to upload audio lectures, resource files, or YouTube videos, receive summaries, and chat with respective resources.

EDUCATION

2020 - 2025	Bachelors in Computer Engineering, Khwopa College of Engineering	
2020	NEB (+2)	GPA: 3.70
2018	SEE	GPA: 3.65

SKILLS

Programming Languages:	Python, C, C++, JavaScript, TypeScript, Swift, Go
Web Technologies:	React, Tailwind, Node.js, FastAPI, Cloudflare
Native Technologies:	React Native, Expo, SwiftUI
Tools & Platforms:	Linux, WSL, MySQL, Git
Others:	Graphics Designing, Embedded Programming