

Aaditya Bhusal

Software Engineer

 [Website](#)

 [GitHub](#)

 Remote, India

 [LinkedIn](#)

 [Email](#)

Experience

BuildShip – Visual Low-code Backend Builder

Sep 2023 – Present

Software Engineer

Remote

- **Led the development** of core features, such as code editors, [Inputs](#), [Outputs](#), and [Environment Variables](#).
- Created practical low-code **visual abstractions**, such as the [Condition Logic](#) and JSON Schema editor.
- Developed a secure client-side scripting system to create dynamic UIs and **user-defined reactivity**.
- Worked extensively with **CodeMirror** and built **custom extensions**, including autocompletion, formatters, linters, regex-based widgets, TypeScript support, a scalable **'types' fetcher** for npm imports, and more.
- Achieved **several optimizations** with efficient data fetching, code splitting, lazy loading, and memoization.

FarmSetu Technologies – Full Stack Agrifood Platform

Feb 2022 – Aug 2023

Front-end Engineer

Nashik, India

- **Led the development** of [Setu Farm](#), [Setu Trade](#) and [Sahyadri Farms' Vendor Registration Platform](#).
- Built an optimized **map-rendering system** capable of fetching and managing over **135,000** entities.
- Achieved significant performance improvements, including an **84% reduction** in app load time.
- Developed a schema language and a **form-generation engine** to create complex nested forms.

Ehani Technologies

Sep 2021 – Jan 2022

Front-end Engineer

Kathmandu, Nepal

- Created a front-end application for a university alumni network with over **1500 students**.

Projects

Logic Flow - Visual Programming Editor

[Live Link](#)

TypeScript, React

[Demo Video](#)

- **Features:** structured editor, data flow tracing, first-class functions, statically typed, code generation, etc.

Swata - Simplified YouTube Learning

[Live Link](#)

TypeScript, React, Supabase, ProseMirror

[Demo Videos](#)

- End-to-end **startup experience**: demonstrated at colleges, **talked to users** and built based on feedback.
- **Features:** Create courses from YouTube, advanced Notion-like drag-and-drop editor, and more.

DevBuilder - Visual Website Builder

[Live Link](#)

JavaScript, React, Node, Express and MongoDB

[Demo Video](#)

- **Features:** drag-and-drop, undo and redo, export code, custom CSS editor, templates, navigator, etc.

Education

B.Sc. (Honours) Software Engineering (2018 - 2021)

University of Northampton

First Class Distinction with Honours

Northampton, England

Additional

Technologies

TypeScript, JavaScript, React, Express, PostgreSQL, Firebase, Playwright, CodeMirror

Tech. Talk

The Next Age Of Web Development

[Talk Link](#)

Research Paper

Predicting Student's Performance Through Data Mining

[Paper Link](#)