

Aaditya Bhusal

Front-end Software Engineer

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[Website](#)

[GitHub](#)

[LinkedIn](#)

Experience

FarmSetu Technologies

Feb 2022 – Present

Front-end Engineer

Nashik, India

- Led the development of several front-end projects using React, TypeScript and GraphQL.
- Developed an optimized **map rendering system** to fetch and manage more than **100,000** entities.
- Performed several performance optimizations including an **84% reduction** in page load time.
- Created a schema language and **form generation engine** for building complex multi-step nested forms.
- Building a **design system** based UI component library using React, Typescript and Storybook.

Ehani Technologies

Sep 2021 – Jan 2022

Front-end Engineer

Kathmandu, Nepal

- Developed the front-end application for a **1500+ students** university alumni network.
- Led the front-end development team, overseeing the design and implementation of various features.
- Actively participated in **agile methodologies** to ensure smooth project execution and timely delivery.

Skills

Technologies

JavaScript, TypeScript, React, Redux, Storybook, GraphQL, Express, Firebase, Cypress

Others

Agile, Design System, Git, Progressive Web Apps (PWA), Visual Programming

Projects

Visual Logic- Visual Programming Editor

[Live Link](#)

TypeScript, React

[Demo Video](#)

- Visual Logic is a programming environment to build programming logic visually.
- **Major features:** structured editor, data flow tracing, statically typed, code generation etc.

DevBuilder - Website Builder

[Live Link](#)

JavaScript, React, Node, Express and MongoDB

[Demo Video](#)

- DevBuilder is a visual drag and drop website builder designed for developers.
- **Major features:** drag and drop, undo and redo, export code, custom CSS editor etc.

Education

B.Sc. (Honours) Software Engineering

University of Northampton

Sep 2021

Northampton, England

Final Grade - 4.0 (First Class Distinction with Honours)

Courses: Software Engineering, Web Programming, System Design, Databases, Artificial Intelligence etc.

Projects: University Management System, Video Annotation Tool, Facial Expression Classifier etc.

Additional

Paper

Predicting Student's Performance Through Data Mining

[Paper Link](#)

Talk

The Next Age of Web Development

[Talk Link](#)