

# Pragyakar Joshi

I am a Software Engineer and UX Researcher. I have experience working in multiple projects to build scalable and future proof applications using several technologies, predominantly JavaScript.

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## RELEVANT EXPERIENCE

### Fusemachines Nepal, Kathmandu

#### Software Engineer

November 2018 - PRESENT

- Develop responsive applications for web and mobile using Javascript and its frameworks
- Write reusable and testable components for maintainable and clean code
- Work and collaborate with other team members on sprint based software development process
- Collaborate with project team members to plan and report the progress of the project using project management tools such as JIRA and Trello
- Actively indulge in training and research to explore new technologies and skills
- Conduct sessions to share knowledge with other team members

### BrainDigit IT Solutions, Kathmandu

#### Intern

December 2017 - March 2018

- Develop software solutions by analyzing requirements provided by the Project Manager
- Collaborate and work in a team to achieve determined project goals
- Develop backend applications using .NET framework
- Develop RESTful APIs using .NET framework
- Document and demonstrate progress and outcomes of projects using diagrams, flowcharts and documentations.

## EDUCATION

### Bachelors of Science (Hons.) Computing

Islington College (Affiliated to London Metropolitan University)

Kamalpokhari, Kathmandu, Nepal

Batch of 2018

## SKILLS

### Programming Languages

JavaScript (ES6+), TypeScript, HTML, CSS, Sass, Python, PHP, GraphQL

### Libraries & Frameworks

React, Redux, Node.js, jQuery, Vue, Express, Django, Flask

### Tools & Platforms

Git, Gulp, Webpack, Docker, Firebase

## **HSEB (+2 Science)**

Gems Institute of Higher Education (GIHE)

Dhapakhel, Lalitpur, Nepal

Batch of 2015

## **SLC**

Graded English Medium School (GEMS)

Dhapakhel, Lalitpur, Nepal

Batch of 2013

## **NOTEWORTHY PROJECTS**

### **IME Merchant**

A FinTech Application which allows users to manage their finance and market their product

#### **Responsibilities:**

- Develop a Reactjs application with web and mobile versions with essential FinTech features.
- Provide a means for users to make payments using QR codes and manage their finances with a digital wallet system.
- Provide a means for users to market their product.
- Write reusable components which work seamlessly in both web and mobile versions.
- Periodically release subsequent versions of the application.

#### **Technologies:**

ReactJs, Typescript, Redux, Webpack, NodeJs, ExpressJs, MongoDB

### **IME Merchant Admin**

Admin Dashboard to monitor and manage the operations and users of IME Merchant

#### **Responsibilities:**

- Develop a Web application to manage the users and their activities in IME Merchant application.
- Provide a robust approval process for admins with role hierarchy.
- Write reusable React components that are easily incorporated in different components throughout the application.
- Maintain and update React components for optimum performance of web application.
- Periodically release subsequent versions of the application.

#### **Technologies:**

ReactJs, Typescript, Redux, Webpack, NodeJs, ExpressJs, MongoDB

## CovidNepal.org

An open source platform focused on bringing together reliable information regarding Covid-19, get information of hospitals all over Nepal, emergency contacts and provide a means to directly help and support frontline workers.

### Responsibilities:

- Develop a Reactjs application accommodating responsive design for web and mobile versions
- Allow users to toggle between two languages i.e. English and Nepali using i18n
- Write reusable components which work seamlessly in both web and mobile versions.
- Periodically release subsequent versions of the application.

### Technologies:

ReactJs, Typescript, Webpack, NodeJs, ExpressJs, MongoDB, i18n

Repo: <https://github.com/fusemachines/covid-nepal-web/>

URL: <https://covidnepal.org>

## Fuse Classroom

An AI enabled Education Platform with smart features that empowers school administrators, instructors and students alike.

### Responsibilities:

- Develop an application for the web with features for interactive online learning experience.
- Allow instructors to start live classes and students to join the live session with zoom api integration within the platform.
- Send push notifications to users using firebase cloud messaging.
- Write reusable components which work seamlessly across multiple components

### Technologies:

ReactJs, Typescript, Firebase

URL: <https://www.fuseclassroom.com/>

## SOFT SKILLS

- Comfortable working in a team or individually
- Organized and Schedule based workflow oriented
- Proficient in written and spoken English
- Critical Analyser and Attention to Detail

## OTHER INTERESTS

- Artificial Intelligence and Internet of Things
- Contributing to Open Source
- Indulge in activities that require Imaginative and Creative thinking
- Travel and Adventure