

Pragyakar Joshi

I am a Software Engineer working at Fusemachines since November of 2018. 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