Pragyakar Joshi

> I am a Software Engineer and UX Researcher. I have experience working on multiple technologies to build scale-able and future-proof applications using several technologies, predominantly JavaScript.

✉️ pragyakarj@gmail.com

📱 (+977) 9841333663

🔗 LinkedIn

🔗 GitHub

👨‍💻 Work experience

Leapfrog Technology

Software Engineer *(January 2021 - PRESENT)*

- Develop full-stack applications with a variety of technologies, platforms, and frameworks such as React, Node, Microsoft power platform, AWS, Azure App services
- Develop systems with best practices and automate time consuming processes to ensure maximum productivity
- Work with clients to analyze requirements and produce system feasibility, system specification, and architecture diagrams
- Work and collaborate with team members on sprint-based development process using tools like JIRA and Trello
- Document features, manuals, procedures, and other project artifacts
- Conduct Knowledge Sharing Sessions and mentor junior developers

Signetic

Software Engineer *(January 2021 - PRESENT)*

- Develop cloud-based SaaS products used by Government bodies, hospitals, and medical organizations
- Develop highly customizable multi-tenant system prioritizing scalability and security
- Strictly follow all HIPAA guidelines and compliance
- Periodically deploy and release subsequent versions of the applications while documenting release version and notes

Fusemachines

Software Engineer *(January 2019 - December 2020)*

Associate Software Engineer *(November 2018 - December 2019)*

- 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 development process
- Conduct session to share knowledge with other team members
- Contribute and moderate open source projects

Braindigit

Intern *(December 2017 - March 2018)*

- Developer software solution by analyzing requirements provided by the Project Manager
- Develop back-end applications using .NET framework
- Develop Restful APIs using .NET framework
- Document and demonstrate progress and outcomes of projects using diagrams and documentations

🛠️ Skills

Languages

JavaScript, TypeScript, HTML, CSS, Python, PHP, Nepali, English, Some Japanese

Libraries & Frameworks

React, MongoDB, Redux, Nodejs, Express, Vue, Django, Flask

Tools & Platforms

Git, Docker, Firebase, AWS

🏗️ Noteworthy Projects

Signetic MVS

An efficient, end-to-end managed vaccination solution. MVS is a digital platform for registering and scheduling vaccination appointment primarily for COVID vaccines. The system includes three separate applications for complete patient record management for vaccine administration.

Tech Stack: React, Node, Microsoft Power Platform, Azure app services

URL: https://www.signetic.com/

CovidNepal.org

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

Tech Stack: React, Node, Typescript, MongoDB, i18n

URL: https://covidnepal.org/

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

FuseClassroom

An AI-enabled education platform with smart features that empowers school administrators, instructors and students used by many institutions worldwide with thousands of students.

Tech Stack: React, TypeScript, Firebase, Java

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

🎓 Education

Bachelor's of Science (Hons.) Computing

Islington College (Affiliated to London Metropolitan University)

Kathmandu, Nepal

Batch of 2018

HSEB (+2 Science)

Gems Institute of Higher Education (GIHE)

Lalitpur, Nepal

Batch of 2015

SLC

Graded English Medium School (GEMS)

Lalitpur, Nepal

Batch of 2013