


Pragyakar Joshi

I am a Software Engineer and UX Researcher with 5+ years of experience. I have experience working on multiple technologies to build scale-able and future-proof applications using several technologies, predominantly JavaScript.

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 [LinkedIn](#)

 [GitHub](#)

Work experience

Leapfrog Technology

Lead Engineer (July 2023 - PRESENT)

Senior Software Engineer (January 2022 - July 2023)

Software Engineer (January 2021 - December 2021)

- Develop full-stack applications with a variety of technologies, platforms, and frameworks such as React, Node, Microsoft power platform and Azure App services
- Lead a team of ~10 people to develop a robust system and provide technical oversight while ensuring best practices are followed
- 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

Lead Engineer (July 2023 - PRESENT)

Senior Software Engineer (January 2022 - July 2023)

Software Engineer (January 2021 - December 2021)

- Worked on three different teams within the project to develop a cloud-based SaaS products used by Government bodies, hospitals, and medical organizations.
- Develop highly customizable multi-tenant system prioritizing scalability and security
- Develop an event based micro service system using Azure Service Bus as a message broker following Publisher Subscriber pattern
- Lead a team to develop an automated data pipeline to handle insurance claims reimbursement and reporting data to CDC
- Gain a strong familiarity and strictly follow 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)

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

Skills

Languages

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

Libraries & Frameworks

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

Tools & Platforms

Git, Docker, Firebase, Azure, Kubernetes

Noteworthy Projects

Signetic

An efficient, end-to-end managed solution that enables public health organizations and pharmacies to provide medical services. The system includes three separate applications for complete patient record management for medical service administration. This comprehensive solution streamlines workflows, from scheduling appointments and delivering care to reporting and reimbursement for clinical services.

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

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

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