



Santosh Prasad Sah

Sr. Software Engineer

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Professional Summary

Senior Software Engineer with a decade of expertise in designing, developing, and optimizing web-based applications across various industries. Specializing in resolving technical challenges, enhancing system performance, and streamlining development processes. Skilled at leading teams, collaborating with stakeholders, and ensuring timely project delivery.

Technical Skills

- **Languages:** Ruby, Dart, JavaScript, TypeScript, Bash, HTML5, CSS3
 - **Frameworks & Libraries:** Ruby on Rails, Sinatra, Node.js, NestJS, ReactJS
 - **Databases:** PostgreSQL, MySQL, MongoDB, DynamoDB, CouchDB
 - **Cloud:** AWS (EC2, S3, Rekognition)
 - **Tools & VCS:** Git, GitHub, GitLab, Bitbucket
 - **Containerization & Deployment::** Docker, Docker Compose, Kamal (Zero-downtime Rails deployments, PostgreSQL, multi-server setup)
 - **Methodologies:** Scrum, Kanban
 - **Collaboration:** JIRA, Trello, Slack, Mattermost
 - **Others:** GraphQL, REST APIs, RabbitMQ, Microservices, Firebase, RSpec
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Professional Experience

Senior Software Engineer

InAllMedia | November 2021 – Present

- Enhanced application performance by 20% through caching, tech stack upgrades, and optimizations.
- Improved team collaboration and efficiency by streamlining internal processes and documenting guidelines.
- Delivered solutions for enterprise-level applications by identifying and resolving technical bottlenecks.

Software Engineer

Leapfrog Technology | January 2021 – November 2021

- Designed, built, and maintained high-performance, reusable software for enterprise applications.
- Contributed to system improvements, defining software design patterns and best practices.
- Collaborated with customers to prioritize feature enhancements and resolved technical challenges.
- Actively participated in code reviews, system analysis, and process optimization.

Software Engineer

Gurzu Inc / Jyaasa Technologies | February 2019 – January 2021

- Led technical approaches for multiple enterprise applications, ensuring high-quality, on-time delivery.
- Designed and maintained scalable software systems while implementing process improvements.
- Conducted knowledge-sharing sessions, fostering a collaborative development environment.
- Guided junior developers, providing mentorship and ensuring best practices in code quality.

Android Developer

Kathmandu University (Information and Language Processing Research Lab) | March 2018 – December 2019

- Designed and implemented solutions for research-based Android applications.
- Collaborated directly with customers to prioritize features and deployed new updates to the Play Store.

Software Engineer (Freelance) | July 2017 – March 2021

- Designed and developed efficient, reliable software solutions, maintaining high client satisfaction.
- Worked directly with clients to prioritize feature requests and ensure timely delivery.
- Build multiple mobile applications using Flutter

Software Engineer

Bajra Technologies | May 2016 – July 2017

- Delivered software solutions using established design patterns and industry standards.
 - Led the identification and resolution of technical issues, ensuring smooth project execution.
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Education

Bachelor of Science in Computer Science and Information Technology

Academia International College, Tribhuvan University | 2013 – 2018

Awards and Achievements

- **Winner, Hack-Ed 2020:** Hackathon on enhancing education in Nepal, organized by Leapfrog Technology.
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General Responsibilities

- Design, build, and maintain efficient, reusable, and reliable software systems.
- Implement and maintain software features, ensuring optimal performance and scalability.
- Collaborate with internal teams and customers to define and prioritize product features.
- Conduct code reviews and knowledge-sharing sessions to improve team performance.
- Research and document new technologies, providing innovative solutions to existing challenges.