SUMMARY

Results-driven Senior Software Engineer with over 6 years of experience in full-stack development, leading design and architecture of complex systems. Adept at optimizing database architectures, enhancing system scalability through AWS cloud technologies, and delivering innovative solutions that drive business success. Recognized for mentoring teams, driving best practices, and maintaining high standards in software engineering. Experienced in developing robust, scalable, and reliable systems, with a passion for continuous improvement and data-driven decision-making.

PROFESSIONAL EXPERIENCE

Senior Software Engineer
Atini Studio (Remote) | 2021 – 2024

- Spearheaded the redesign of database architecture, leading to an 6% reduction in latency and significantly improved system maintainability by optimizing data models and query performance.
- Implemented AWS cloud computing solutions, including EC2, RDS, and CI/CD pipelines, which enhanced system scalability and performance by 4%, enabling the platform to handle increased user loads effectively.
- Led the development and deployment of bespoke applications for global clients, ensuring alignment with business objectives and user needs, resulting in robust, scalable, and user-friendly solutions.
- Acted as a mentor and technical lead, guiding teams in best practices for software engineering and architecture, ensuring the delivery of high-quality, maintainable, and efficient code.

Senior Full Stack Engineer
Unilever (Remote / Part Time) | 2020 – 2022

- Revamped outdated code bases, improving system efficiency by 2% through strategic refactoring and optimization.
- Led a collaborative environment that significantly improved project efficiency and performance, achieving a 20% reduction in development time.
- Developed and maintained scalable, reliable code, ensuring robust performance and long-term maintainability.
- Pioneered the development of a mobile application with a charitable focus during the Covid-19 lockdown, enabling efficient coordination of essential goods delivery.
- Ensured cross-platform compatibility, delivering a seamless user experience across different mobile devices.

Senior Software Engineer
Freelance, Upwork (Remote) | 2019 – Present

- Led end-to-end full-stack development projects, specializing in ReactJS, Node.js, MongoDB, and PostgreSQL, by delivering scalable solutions tailored to client needs, resulting in enhanced system performance and reliability.
- Architected and optimized E-Commerce platforms, improving performance by 3% through a restructured database architecture and seamless integration with AWS cloud services.
- Directed the development of advanced features for complex systems, leading to an 5% improvement in user experience and system responsiveness by implementing innovative design patterns and robust architectures.
- Mentored junior engineers, fostering a culture of continuous learning and improvement, which contributed to overall team productivity and elevated the quality of deliverables.

Software Engineer
LogPoint, Denmark | 2018 – 2020

- Led the migration of LogPoint's interface from ExtJS to ReactJS, enhancing platform efficiency and user experience by 25%.
- Played a key role in developing and maintaining plugins for LogPoint OS, contributing to the platform's robust functionality and reliability.

- Provided exceptional customer support, ensuring seamless setup and issue resolution for clients.

SKILLS

- **Languages**: JavaScript, TypeScript, C, C++, SQL
- **Frameworks**: ReactJS, Node.js, Next.js, MEAN Stack, React Native
- **Databases**: MongoDB, PostgreSQL, MySQL
- **Cloud**: AWS (EC2, RDS, S3, Amplify, Lambda)
- **Tools**: Docker, Git, CI/CD Pipelines, Firebase

EDUCATION

Bachelor in Computer Engineering, Kathmandu University, Dhulikhel

CERTIFICATIONS

- **AWS Certified Cloud Practitioner (2023)**
- **AWS Certifications (In Progress)**

AWARDS & RECOGNITION

- Winner of First CanSat Competition in AAVISHKAR 19, Nepal
- Certificate of Achievement for Completing Nirogi Nepal Project "Hami Nirogi"

LANGUAGES

English | Nepali | Hindi