Tailored Resume

Sagar Chapagain

Senior Software Engineer

Contact Information

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Summary

Results-driven Senior Software Engineer with 8+ years of experience in designing, developing, and scaling web applications using TypeScript, Python, and PHP. Proven track record of leading technical discussions, mentoring engineers, and making architectural decisions that balance scalability, maintainability, and user experience.

Technical Skills

* Programming Languages: TypeScript, Python, PHP

* Frameworks & Libraries: Nest.js, Next.js, React.js, Laravel, Django

* Databases: MySQL, PostgreSQL, MongoDB, Elasticsearch

* Cloud & Tools: AWS (EC2, S3, CloudFront, Lambda), Docker, Git, CI/CD Pipelines, Terraform, Playwright

Work Experience

Contract Full Stack Engineer

Outback Yak, Melbourne

Dec 2024 - Present

* Designed and developed an application integrated with AI-powered video agents to help medical students practice clinical consultations and chatbots, improving student learning by more than 30%
* Engineered and deployed a scalable LMS, integrating Clerk authentication, Stripe for payments, and a custom payload CMS for seamless content management
* Optimized cloud infrastructure on AWS, cutting downtime by 40% and improving system reliability

Lead Software Engineer

Idata Solutions Pvt. Ltd., Nepal

Dec 2018 - Aug 2024

* Led architecture, development, and delivery of 10+ projects, aligning technical solutions with business needs while mentoring and expanding the team from 2 to 12 members
* Implemented CI/CD pipelines and AWS Lambda, reducing deployment time by 1.5 days per sprint, cutting server costs, and decreasing deployment failures by 50%
* Developed scalable cloud solutions using AWS (EC2, S3, Load Balancing) and delivered diverse applications, including real-time chat, e-commerce, LMS, and ride-sharing platforms

Senior Software Engineer

E-Multitech Solutions, Nepal

Sep 2016 - Aug 2018

* Delivered 12+ projects for clients across various regions, including auction platforms and real-time bidding solutions

* Developed and deployed REST APIs for mobile applications, integrated third-party APIs, including payment gateways (PayPal, Stripe) and social media platforms

* Conducted code reviews, mentored junior developers, and ensured code is maintained to its quality and consistency

Education

* Bachelor's Degree in Electronics and Communication Engineering, Tribhuvan University, Nepal (2014)

* Master's Degree in Economics (Econometrics major), Tribhuvan University, Nepal (2021)

Additional Suggestions

* **Skills to strengthen alignment with the role:**

 + Design systems experience

 + Experience with API integrations

 + Agile experience with Test-Driven Development processes

* **Certifications or courses to pursue:**

 + AWS Certified Solution Architect - Professional

 + Cloud Architect certification

* **Specific projects or experiences to develop:**

 + Develop a machine learning algorithm using Python to predict the price of a used car (as a part of a Master's project)

+ Implement and work on a project that integrates with design systems and API integrations

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Note: The tailored resume is optimized for the Senior Software Engineer role at Kanopi, highlighting relevant experience, skills, and achievements. It incorporates job description keywords and is concise, no longer than one page.