

Here is the tailored resume and additional suggestions:

****Tailored Resume:****

```markdown

**\*\*Sagar Chapagain\*\***

**\*\*Senior Software Engineer\*\***

**\*\*Summary:\*\***

Highly experienced software engineer with 8+ years of expertise in designing, developing, and scaling software systems. 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, Symfony, Django

\* Infrastructure & Tooling: AWS (EC2, S3, CloudFront, Lambda), Docker, Git, CI/CD Pipelines, Terraform, Playwright

\* Agile Methodologies: Test-Driven Development, Scrum

**\*\*Work Experience:\*\***

\* **\*\*Full Stack Engineer\*\***, Outback Yak (Dec 2024 - Present)

+ Designed and developed a scalable LMS, integrating Clerk authentication, Stripe for payments, and a custom payload CMS for seamless content management

- + Implemented CI/CD pipelines and AWS Lambda, reducing deployment time by 1.5 days per sprint and decreasing deployment failures by 50%

\* **Lead Software Engineer**, Idata Solutions Pvt. Ltd. (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 and decreasing deployment failures by 50%

**Achievements:**

- \* Improved system reliability from 80% to 98% by migrating a legacy system to a scalable architecture using Next.js and Nest.js

- \* Boosted student learning by 30% by integrating AI-powered video agents and chatbots

- \* Reduced downtime by 40% and improved system reliability by optimizing cloud infrastructure on AWS

**Education:**

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

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

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**Additional Suggestions:**

- \* **Skills:** Consider adding skills in Java, Python, Angular, Node.js, and Grails to strengthen alignment with the role.

\* **Certifications or Courses:** Pursue certifications in AWS Solution Architect Associate and Agile methodologies to demonstrate expertise in cloud computing and software development.

\* **Specific Projects or Experiences:** Develop projects showcasing expertise in designing scalable software architectures, mentoring engineers, and making architectural decisions that balance scalability, maintainability, and user experience.

Note: The tailored resume is optimized for ATS and highlights relevant experience, skills, and achievements. It is written in Markdown format and is no longer than one page.