

SANTOSH ADHIKARI

DevOps Engineer/ Butwal, Nepal / LinkedIn: [santosh](#) / santoshadhihari1345@gmail.com

WORK EXPERIENCE

Skill Prompt Software Company, Butwal

Jun 2023 – Present

DevOps Engineer

- Developed and maintained a robust CI/CD pipeline using AWS CodePipeline, integrating various AWS services and tools including S3, ECS, ECR, CodeBuild, Lambda, RDS, CloudWatch, Docker, EventBridge, Route 53, and Elastic Load Balancer.
- Implemented infrastructure as code (IaC) principles using AWS CloudFormation to ensure consistency, scalability, and reliability of the deployment environment.
- Orchestrated blue-green deployments and canary releases to minimize downtime and mitigate risks during software updates.
- Engineered a data scraping tool using Node.js and Puppeteer that automates form filling and extracts required responses in JSON format, to optimize data retrieval processes

Byte Faucet Technologies Pvt. Ltd, Lalitpur

Aug 2022 – Jan 2023

Junior Full Stack Developer

- Worked on React JS libraries like Refine and Ant Design to implement approved UI into a proper functional code
- Collaborated with database engineers to create and integrate the backend API with the application's front-end interface
- Wrote backend code to implement seamless authentication and authorization processes in the application

EDUCATION

Bachelors of Computer Application, Pokhara University

Sep 2017 - Aug 2022

- Crimson College of Technology, Butwal

SKILLS

Languages:

- JavaScript, PHP, Typescript, Python, Bash

Technologies:

- Express JS, Node JS, React JS, Next JS, Git, Linux, Docker, Terraform, CI/CD, Various Amazon Services (EC2, IAM, Cognito, Lambda, CloudFormation, CloudWatch)

Concepts:

- Object Oriented Programming, Functional Programming, Agile, REST API, Cloud Computing, Amazon Web Services (AWS)

PROJECTS

AWS Cloud Resume Challenge

- Developed a static website following the AWS Cloud Resume Challenge guidelines, demonstrating proficiency in AWS services and serverless architecture
- Technologies: **Terraform, Python, Amazon S3, CloudFront, DynamoDB, Route 53, Lambda, GitHub Actions**

Custom Git Server

- Created a custom Git server facilitating version control for team projects and ensuring secure code management
- Technologies: **Amazon EC2, Ubuntu**

CERTIFICATIONS

AWS Certified Cloud Practitioner:

- Officially certified by Amazon with [AWS Certified Cloud Practitioner](#)
- Pursued this certification to establish a foundational understanding of cloud computing and AWS services