





# Samresh Thapa

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 [samresh9](#)

 Bhaktapur

## Objective

- To excel at backend technologies in JavaScript ecosystem
- To understand the business-IT alignment

## Projects

### Protected Text

- Zero knowledge encryption to store data. AES encrypted on the client side.
- Custom URL based on availability to personalize your experience.
- Node with Express and MongoDB for the backend.
- API documentation with Swagger.
- Continuous Integration (CI) by utilizing GitHub actions and render.com.
- 96.61% test coverage utilizing Jest and SuperTest.
- Custom ES Lint config and husky for pre-commit hooks running test and lint scripts to ensure code quality.
- Turborepo-powered monorepo: enabling frontend-backend code sharing for improved organization.
- Multi-transport logger with winston for custom logging, customizable through config.
- Live at [protected.samresh.com.np](https://protected.samresh.com.np), code at [github.com/samresh9/protectedText](https://github.com/samresh9/protectedText)

### URL Shortner

- Built with Node, express, ejs and MongoDB.
- User accounts, login, and URL management with short URL generation
- JWT for stateless authentication and authorization.
- Live at [urlshortner.samresh.com.np](https://urlshortner.samresh.com.np), code at [github.com/samresh9/shorturlgenerator](https://github.com/samresh9/shorturlgenerator)

## Skills

### Programming Skills

- Node, Express, React
- Unit Testing with Jest
- MySQL, MongoDB
- Git and Github
- Postman and Swagger
- HTML5, CSS3, JavaScript ES2022

### Other Skills

- Inquisitive mindset
- Excellent Communication Skills
- Familiarity with AWS

## Education

### Bsc. CSIT, Samriddhi College, 2023

- AWS Cloud Practitioner bootcamp, Participant
- Web Design bootcamp, Participant