

# Krrish Ghimire

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<https://krrishg.com>

<https://git.krrishg.com/krrishg>

<https://gitlab.com/krrishg>

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## Education

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### **Bachelor of Engineering in Software Engineering (BESE)**

Nepal College of Information Technology (2016)

### **A Levels**

Orient College, Maharajgunj, Kathmandu (2012-2014)

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## Experience

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**Software Engineer (Java)**      Nov 2022 - Present

Amnil Technologies (<https://www.amniltech.com>)

**Software Developer**              Jan 2022 – Oct 2022

Asseco Data Systems (<https://assecods.pl>)

- Worked on microservices for user administration application using technologies like Java, Spring Boot, Apache Camel, Spring JPA, Angular, Maven, Oracle.
- Also worked on migrating Delphi code to Java.
- Java with Spring Framework for backend development
- Apache Camel to expose rest apis.
- Oracle as Database Management System.
- Angular for frontend development with CSS framework Bootstrap.
- Write systemd services for Java app deployment
- Write nginx configurations for angular app deployment

**Software Developer (Part time)**

2021 - 2022

LittleBets (<https://cleavr.io>)

- Worked on server provision and management related stuffs using technologies like NodeJs, AdonisJs, VueJs, Kotlin, Peb templating, Edge templating, Nginx, Shell Scripts (Bash), SSL and DNS related tasks.
- NodeJS for backend development
- AdonisJS as web development framework for NodeJS
- Reading Kotlin code and migrate it to AdonisJS
- Reading peb template and migrate it to Edge template of AdonisJS
- Generate Nginx config using NodeJS and Edge templating language
- Generate Bash scripts for live VPS for server management
- Generate SSL certificates and configure DNS on Cloudflare using NodeJS and Edge templating.
- Adonis Ally for social sign in using Github and Google

**Java Developer**

2019 – 2021

Clusus Information Solutions

- Worked on Banks and Corporate Payments related softwares using technologies like Java, Kotlin, Spring Boot and various spring technologies, Kafka, Kubernetes, Helm, Angular, NgRx forms. Java is used for backend in this project.
- Used both Java and Kotlin for backend development
- Spring Rest with HATEOAS to expose rest api
- Spring Security with Keycloak for authentication and authorization
- Spring Feign Client to communicate between microservices using Rest Api.

- RabbitMQ for sending and receiving business events between microservices.
- Kafka for receiving data for warehouse of different services
- Kubernetes for managing deployments and orchestration of services. Used microk8s for Kubernetes
- Helm charts for configuration of deployments
- Spring JPA and Hibernate with PostgreSQL and Oracle DBMS
- Typescript, Angular with Bootstrap for frontend development
- NgRx forms for state management of UI controls.

### **Mobile App Developer Trainee**      2017 - 2018

Aayulogic

- Worked on mobile app development related for Human Resource Management System using technologies like Weex, VueJS
- Weex for generating native mobile app for Android
- VueJS as a language for Weex
- Core Html, CSS for GUI design

### **Co-founder and Software Developer** 2014 – 2015

Praramva

- First experience of own startup. Wrote different internal tools for developers using Java programming language. Also developed e-commerce web app for books sale for Bookmandu which was the product of Praramva. Technologies used for Bookmandu are Php, OpenCart

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## **Skills**

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### **Git**

- I have been working in teams in each company I worked. I have very good experience in git workflows, managing branches and conflicts. I also have used git repositories like Gitlab, Github, Gitea. I have self hosted Gitea instance on <https://git.krrishg.com>. I also have experience in Gitlab CI/CD.

### **PostgreSQL, MySQL**

- I have good experience in relational databases. I have used PostgreSQL in various personal as well as professional projects. I also have used MySQL in professional projects.

## **Javascript, Typescript, Angular, VueJS, Bootstrap, Tailwind, Vuetify**

- I have worked with a lot of frontend technologies during my software development career. I have good knowledge on Javascript, Typescript and its frameworks like Angular and VueJS. I also have good understanding on dependency injection and observables which are crucial part of Angular. For the GUI styling, I have mostly used Bootstrap, Vuetify and Tailwind CSS.

## **Spring Framework (Java)**

- I have experience with Spring Framework throughout my career. I have used a lot of Spring technologies including Spring Boot, Dependency Injection, Spring JPA, Spring Rest, Spring Data Rest, Spring Security. Also used Spring for Pub/Sub integration with technologies like Kafka, RabbitMQ.

## **NodeJS, AdonisJS**

- I have 1 year professional experience with NodeJS and AdonisJS. I use it on Cleavr as main programming language. Also I am familiar with templating language for AdonisJS i.e. edge.

## **Scrapy (Python)**

- I have basic knowledge on Python programming language. I have used Scrapy python library to scrape data related to universities and generate a report in an excel sheet. I have also used Scrapy to find the rank of a given url in Google depending on keywords provided.

## **GNU/Linux, Shell Scripts**

- I am using GNU/Linux as my primary OS since 2015. I am very fluent in GNU/Linux. I also have good experience in Linux command line and Bash shell scripts.

## **Nginx**

- I am using Nginx as reverse proxy since 2. I use it to expose applications on my personal VPS.

## **Other skills:**

- I have used vim text editor since 2015. I am very proficient in it.
- I have thorough understanding of Test Driven Development. I have been following it since 2019.