

# BIBEK REGMI

vivekregmi83@gmail.com | 9849601202 | Kathmandu, Nepal

[Linkedin](#) | [GitHub](#)

## EDUCATION

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**S.E.A College of Engineering and Technology**

Bachelors in Information Science Engineering

CGPA: 7.3

Ekta Nagar, K.R Puram , Bangalore 560049, India

August 2019 - June 2023

## EXPERIENCE

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**Studio Matrix | Backend Developer Internship**

Kathmandu, Nepal | Dec 2023 - Present

- Worked on **PHP** , **OOP** collaborating with other interns and developers.
- Built **API** using **Laravel** , **Mysql** for storing data and **Apache** in a **Linux** environment.
- **Javascript** for making web application using **Reactjs**.

**Technologies | Full Stack Developer Internship**

Bangalore, India | August 2022 - September 2022

Collaborated with a cross-functional team of interns including software engineers.

Assisted in the development of new web pages, resolved technical support requests, and provided beneficial advice and support .

Worked on Java Servlet and JSP, **Springboot** , **Javascript** , **Reactjs** and Git.

## SKILLS

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Programming Languages: Javascript, Typescript, Python

Libraries/Frameworks: Nodejs, Laravel, React, Nextjs

Tools / Platforms: Git and Github, Linux, Docker, AWS(EC2, S3, RDB, Autoscaling)

Databases: Mysql, MongoDB

## PROJECTS / OPEN-SOURCE

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**Airline Backend System | Link**

*Expressjs, Sequelize, Bcrypt, JWT, Axios, Node Mailer, rabbitMQ*

- **Microservice** based backend system comprising of **flight and search service**, **authentication service**, **booking service** , **reminder service** and **Api Gateway**
- **Rest** api communicate with microservice to **search** and **query** about the flights.
- **Admin** can create, update and delete the flight information.
- **Authentication** of the user using **JWT**.
- Password is stored securely using **bcrypt** encryption.
- **Mysql** database design with relation between the tables using normalization.
- **ORM Sequelize** implemented for the database.
- **Message Queue (rabbitMQ)** implemented in reminder service to send email for the flight reminder.
- **Api Gateway** for **rate limiting** and an intermediate layer between the client side and the microservices

**E-Commerce Web App | Link**

- E-commerce site built using html, css, **javascript** and **react**.
- **Cart features** to add and remove products.
- **User registration** , **login** and **signup** .
- Backend: **Nodejs** and database: **MongoDB**

## CERTIFICATIONS

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- Fullstack Web Development - **Udemy Link**
- Java for beginners - **Udemy Link**