

## PRADIP DHAKAL

DevOps Engineer | [github.com/dhpradeep](https://github.com/dhpradeep) | [dhpradeep25@gmail.com](mailto:dhpradeep25@gmail.com)  
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Dynamic and creative DevOps engineer with over 4 years of work experience. Skills including ReactJs, NodeJs, NextJs and Python. Excellent skills and ability to perform well in a team. Advanced knowledge of frontend and backend development, agile processes and micro services development. Managed a team of 12 interns in developing new software and teaching them a software development principle.

### Experience

#### Workz Group

Dubai, UAE

DevOps Engineer

Oct 2021 – Present

- Added new features and solve bugs of the application based on **Python (Flask)** and **JavaScript (React)**.
- Reduced the Size of Docker image and refactor the code which makes **application run 50% much faster** than before.
- Build the **DevOps pipeline** that runs during the build time and publish the application to different environments and run all the **Unit and End-to-End test cases** during that time. **Kubernetes, Docker, GitHub Actions** are used.
- Implemented **End-to-End testing** for frontend applications using the tool **cypress** and **typescript**.
- Designed and maintained streamlined, reusable and reliable code within **distributed cloud environments**.

#### SEVA Development

Software Engineer

Sept 2020 – Oct 2021

- Developed engine on the back end to store the data into **Amazon Neptune** using tools **tinkerpop**, **gremlin** and **Node.js** where large stream data are collected from AWS Kinesis 25% faster than before.
- Build the **REST APIs** which enables the user to interact from UI with backend application which is deployed on **AWS EC2** with **RDS** (PostgreSQL Database).
- Written **Integrations test** for the back-end application to verify the application is performing accordingly using tools **Cypress** and **Typescript**.
- Implemented different features and fix existing bugs of the application which is based on **Node.js** and **JavaScript (React)** and use **Python** for data filtering and Profiling.
- Worked as a **full-stack developer** on a Microservice-based architecture application, which is based on **AWS** and also used different AWS services like **Neptune, Kinesis, RDS, EC2, Lambda, S2, ECR and ECS**.

Associate Software Engineer

Nov 2019 – Sept 2020

- Worked as a **core member** and develop a **test management tool**, which enables users to manage their **test cases** and execute them.
- **Designed interactive user interfaces** for report summary page which increase the customer satisfaction by 21%.
- Solved existing bugs, which leads to improve the performance of the application.

#### EVERsoft

Pokhara, Nepal

Software Engineer

Jan 2017 – Sept 2020

- Introduced **agile methodologies** and development best practices to division to enhance product development.
- Build a complete **E-Commerce website** with a team, where the responsibilities are to manage the team, do the planning, run agile and write code to enable different functionality using **React and Python (Django)**.
- Implemented the different automation tools such as **Jenkins, AWS Code-build and Dockers**.

### Skills

**Languages:** Javascript, Python, HTML, CSS

**Technologies:** React, Redux, Context, Node.js, Flask, SQLAlchemy, Cypress, Pytest, PostgreSQL, Git

**Platform:** AWS, Digital Ocean, Linux, Docker

### Education

**LA GRANDEE INTERNATIONAL COLLEGE.** Bachelor of Computer Application

Sept 2015 – Sept 2019