

# DINESH POUDEL

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[Email](#) · [GitHub](#) · [Potfolio](#)

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Ever Learning, critical thinker and a student of life with proven experience in Software Development, I am an active minded individual who loves to work in a dynamic setting and tackle new challenges. Learning new languages (mostly programming languages) and technological stacks, going on long trips in the wilderness and having a quality chat with people are my hobbies. I would love to explore fields that have a higher impact, both in terms of social changes and technological reforms.

## EXPERIENCE

**MAY 2022 – CURRENT**

### **SENIOR SOFTWARE ENGINEER, LIS Nepal**

- Currently working as a BI developer.
- Data reporting and analytics with Looker.
- Implement script to facilitate ETL and ELT flows.
- Exercise in LookML to attain client specific report requirements.
- Document features, workflow and communicate project development activities.
- Enquire requirements, blockers with offshore teams and partner clients to ensure smooth working of the development.
- Research and implement performance optimizations required for Visualization components.

**MAY 2021 – APRIL 2022**

### **SENIOR SOFTWARE ENGINEER, PAY NEP PVT. LTD**

- Currently working as a team lead to write user stories and System Requirement Specification.
- Database design and architecture planning.
- Design and Implement Flask API Services to facilitate project requirements. Update and maintain appropriate documentation of APIs for developer reference.
- Ensure correct working of existing applications, map DB Performance and Application performance.
- Integration of frontend changes in-respect to API services.
- Implement and maintain Linux batch and system level services with celery and celery beat.
- Write in-house libraries to facilitate object parsing and data structure conversion to handle incoming messages from various protocols.
- Unit Testing.
- Ensure code quality and proper development practices within the team.

**APRIL 2019 – APRIL 2021**

### **SOFTWARE ENGINEER, JAVRA SOFTWARES**

- Object Oriented Programming
- Develop API to facilitate application flows.
- Ensure correct working of existing applications, map DB Performance and Application performance.

- Integration of existing functionality with remote services (Salesforce) via SOAP and REST calls.
- Publish and Consume JMS MQ (Active MQ) messages to facilitate cross app synchronization.
- Implement and maintain Linux batch and system level services.
- Write in-house libraries to facilitate object parsing and data structure conversion to trim and handle incoming messages from various protocols.
- Unit Testing.
- Create and deploy packages in a remote system with Team city and Octopus.

**March 2017 – January 2019**

### **Freelancer**

- IT and Network Operations
- Software Architecture and Integration consultancy.
- Provide IT and Development support for clients including feature updates, system upgrades.

## **EDUCATION**

**FEB 2017**

### **B.E ELECTRONICS AND COMMUNICATION, I.O.E WRC**

- Advanced Java Programming
- Enterprise Application Design and Development
- Big Data Technologies

**Running**

### **Masters of Business Management, SMC T.U**

## **SKILLS**

- Python: Django | Fast API | Flask
- RDBMS Programming: PostgreSQL, Snowflake
- NoSQL Programming: MongoDB
- Linux: comfortable with systemd services
- Heroku
- Celery
- Postman | Insomnia
- Data Visualization and BI : Looker
- Containers: Podman
- ReactJs : Antd | ReactQuery
- Natural Language Processing
- ORMs: SQLAlchemy, MongoEngine
- Pytest
- Nginx
- GitHub | GitLab

# PROJECTS AND ACTIVITIES

**JUNE 2015**

## **ECHO EYES**

- Embedded system project. Developed prototype as a substitute to White Cane.

**OCTOBER 2015**

## **INTERACTIVE DRAWING, GESTURE CANVAS**

- Embedded system project to read motion of hand and paint digital canvas. Used Opencv, Arduino and Python to develop a working prototype.

**OCTOBER 2016**

## **SOCIAL MONITOR**

- Embedded system and Desktop and Web Applications.
- Used Django to serve as a web server and APIs. Prototyped a JavaFX based desktop application to manage server instances. Used Elasticsearch as a search engine.
- Prototyped a simple, yet effective gadget to send SOS signals via wireless modules driven by Arduino.

**JUNE 2020**

## **PORTFOLIO**

- Simple portfolio application. Uses a GitHub account to fetch project information. Written in ReactJs with Semantic UI and Typescript.
- Deployed in Heroku Instance.

**MAY 2020**

## **HEALTHMAP**

- System to facilitate in house and external events in a hospital. Maintained APIs and working prototype.
- Django DRF, ReactJs, PostgreSQL, Podman.

**MARCH 2020**

## **SYMPHONY**

- GitLab Private Collaborated Project.
- Enterprise Application to manage and monitor app state, user information. Designed with Localization first approach i.e., entire UI components are injected with localization.
- Apollo Client GraphQL. ReactJs. Django. Keycloak. PostgreSQL, Podman.

**FEBRUARY 2021**

## **GUIDE-ME**

- Yellow Page alike interface to list, discuss and review business, places and products.
- Uses FastAPI, MongoEngine (MongoDb ORM). Planned to integrate with ReactJs as frontend engine.

## **AWARDS AND ACCOMPLISHMENTS**

MARCH- 2017

**REGIONAL WINNER, MASTER THE MAINFRAME, IBM**

DECEMBER - 2019

**EMPLOYEE OF THE QUARTER, JAVRA SOFTWARES**

JANUARY - 2021

**EMPLOYEE OF THE MONTH, JAVRA SOFTWARES**