

Nirjal Paudel

Pepsicola, Kathmandu 44600  
+977 9863948081  
[nirjalpaudel54312@gmail.com](mailto:nirjalpaudel54312@gmail.com)

Website: <https://nirjalpaudel.com/>  
GitHub: <https://github.com/n1rjal>  
LinkedIn: <https://www.linkedin.com/in/nirjalpaudel/>

---

## SUMMARY

---

More than 3 years of experience with backend development and its lifecycle

---

## COMPUTER SKILLS

---

### Languages

- Proficient in: PostgreSQL, JavaScript, Git
- Familiar with: Python, C++, MVC, clean, dependency injection, Nginx, Linux

### Software

- Databases: Mongo dB, Redis, PostgreSQL
  - Platform: AWS, Digital Ocean, Heroku
- 

## EXPERIENCE

---

### Backend and Cloud Developer

*Cleanilo, Germany*

- Manage object storage, database, compute servers in AWS cloud.
- Developed and tested rest API, admin panel with custom plugin development in strapi.
- Performed data migrations from WordPress site to NodeJS site.

### Database, cloud and backend developer

*Hifoods, France*

- Developed and tested backend with NodeJS using NestJS framework
- Developer and tested REST API and WebSocket based communication between client and server
- Deployed the application in AWS EC2 with Routes53 and ASG enabled
- used amazon relational database service for aurora db.
- Firebase Cloud Messaging notification system made with parallel consumer and parallel producer in a queue.
- Cached dynamic and most frequently used data in Redis server with write through policy.
- Implemented corn system to charge users subscription fee regularly.
- Managed payment integration with stripe.
- Deployed at <https://hifoods.fr/>

### Database, cloud and backend developer

*SoftShala, Nepal*

- Made a video streaming platform with NodeJS express.
- Video storage with amazon s3 with CloudFront CDN enabled.
- Deployment of server with document DB (managed Mongo DB service in AWS)
- Video Processing with Amazon SNS was performed using FFMPEG package on a separate service.

### Nirman Solution

*Clinch Tech, Nepal*

- Made a multi-vendor ecommerce site with NodeJS
- Developed data storage and management with PostgreSQL DB.
- Deployment of object storage, compute and database server with digital ocean droplet with read replicas for various departments like data science
- Compressing and post processing images with queuing system.

---

## ACCOMPLISHMENT

---

- Won International level hackathon organized by Microsoft.
- Won National Level hackathon organized by Renegade Insurance, US company with office in Nepal.
- Won National level hackathon organized by CSIT association of Nepal.
- Helping upcoming talents with a community called ITSNP which helps upcoming IT related talents.

---

## HOBBIES

---

- Explore documentation of various languages, framework to sharpen my skill
- Learning about various DSA with system designing problems
- Helping startups set up their system on AWS or Digital Ocean.
- Helping colleagues on the problem they ask for.