

# Manoj Chapagain

Pokhara, Nepal  
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<https://github.com/chapagainmanoj>

I code for fun and living. I prefer working with Javascript and Python and I ❤️ foss.

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## SKILLS

### Languages

C/C++, Javascript,  
Python, Golang,  
Matlab, bash

### Web Technologies

React, Vue.js,  
GraphQL, Node.js,  
Gatsby and JAMstack,  
  
Django, Flask,  
Postgres, MangoDB,  
Selenium, Cypress,

### DevOps Tools and Others

Docker, Ansible,  
Travis and CI/CD,  
AWS (S3, RDS, EC2),  
VPS Hostings,  
  
Asana, Git, OpenGL,  
Qt, Linux, Pandas /  
SciPy / Matplotlib

## EXPERIENCE

### Khalti Digital Wallet, Lalitpur – Web Developer

DEC 2017 - PRESENT

- Khalti is a fin-tech company based in Kathmandu, it has payment gateway (<https://docs.khalti.com/>) and Wallet(<https://khalti.com/>). I got experience and maturity as a Web Developer.
- At khalti I worked as a frontend-heavy developer. I also had to provide technical support for the payment gateway. On a daily basis I had to communicate with our sales and support team and client's tech-teams.

### Grepsr, Kathmandu – Full Stack Developer

JUL 2017 - NOV 2017

- Grepsr was developing a SaaS product. It had microservice based architecture. I learned microservice architecture , containerization, gRPC, CI/CD automation, and many other skills.
- I programmed a role-based access control service, created a vuejs based frontend and worked on a few python based products.

### ENT Nepal, Bhaktapur – Software Engineer

DEC 2016 - JUL 2017

- It was a mechanical system design and simulation company for the automobile industry.
- I worked here in a simulation model using a particle-based model. For the simulation model I had to use C++, CUDA and fluid mechanics.

## EDUCATION

**IOE, Pulchowk Campus** – Bachelor in Computer Engineering

OCT 2012 - JUN 2016, Lalipur

A few valuable courses I learned were Data Structure and Algorithm, Database Management, Object Oriented Design, Project Management, Data Mining, Big Data, AI, Mathematics, Probability and Statistics

## PUBLICATIONS

**Effects of Auto Tuning and Pitch Normalization on Query by Humming** – Research paper published in International Journal of Advanced engineering.

[http://ictaes.org/wp-content/uploads/2019/IJASS\\_01\\_02/2.11-16-Effects-of-Auto-Tuning-and-Pitch-Normalization-on-Query-by-Humming.pdf](http://ictaes.org/wp-content/uploads/2019/IJASS_01_02/2.11-16-Effects-of-Auto-Tuning-and-Pitch-Normalization-on-Query-by-Humming.pdf)