

Pratik Karki

about

Pepsicola
Townplanning
Nepal
9813405047
9860598972

prertik@prertik.com
<https://prertik.com>
Github: prertik
Linkedin: pratik15karki
Twitter:
theawesomekarki

languages

English & Nepali

programming

Expertise:
Clojure/Script, C, C++,
Java, Ruby, Python,
JavaScript (Including
Front-end and
Back-end frameworks),
Lisp Dialects:
Common Lisp,
Scheme, Racket
Working Knowledge:
Elixir/Erlang, Kotlin,
Go, Rust & PHP

interests

I love looking under the hoods of software, opening them to understand the underlying design and principles which was used to build a software to solve a particular problem.

I believe, the only way to develop in this modern world is by building the base of the software rock solid so that it can endure lots of changes.

experience

- | | | |
|---------------------|---|---|
| April '20 - | Software Engineer Consultant
<i>Working on a US based pre-seed startup, with the design and implementation of a declarative language and runtime for domain modeling. Tech stack: Clojure/Script, Java, AWS, Kubernetes, Docker</i> | Ventur8 Inc. |
| May '19 - March '20 | Software Engineer
<i>Worked on multiple US based startups in education domain, management system domain and developer tools domain. Tech stack varied from Python, Ruby, NodeJS/React, Go, Kubernetes, PostgreSQL, Azure.</i> | Leapfrog Technology Inc. |
| April-August'18 | Internship/Summer Job
<i>Only Nepali student ever selected for Google Summer of Code. Among the top 100 contributors to Git. Rewrote 'git rebase' operation completely from shell script to C for portability, faster performance and to free it from it's strong POSIX dependencies.</i> | Google Summer of Code '18 (Git) |
| Since 2018 | Maintainer/Core Programmer
<i>Working on a next-gen text editor which has a powerful in-line code evaluator.</i> | LightTable |
| Since 2018 | Co-Maintainer
<i>Help it store large amounts of tutorials of programming languages in different human languages.</i> | https://learnxinyminutes.com |
| Since 2018 | Lead Developer
<i>Help port a dynamic REPL oriented JVM language "Clojure" to Android Runtime(ART)</i> | Porting Clojure to Android (WIP) |
| Since 2016 | Freelancer/Remote job
<i>Worked on about 3 RoR e-commerce projects and 2 Django/Flask publishing projects and a BEAM(Erlang/Elixir) game server project. (Undisclosed due to NDA)</i> | Different out-sourced projects |
| Since 2014 | Open-Source Contributor
<i>Contributed to different open-source projects.</i> | |
| June'18- | Computer Teacher | DreamCatcher Nepal |

education

2014-2018 **Bachelors in Computer Engineering**
Advanced College of Engineering & Management, IOE

Academic projects

- | | | |
|------|--|---|
| 2018 | Clift | A micro-framework |
| | <i>Developed a micro-framework ideal for writing blogs with minimal configurations for 4th year major project.</i> | |
| 2017 | Muninn | A concurrent web crawler with notifications |
| | <i>Developed a web Crawler built using concurrency features and effectively crawls for different information regarding trending tweets, searches, weather alert, etc. and sends notifications to the users for 3rd year minor project.</i> | |

Talks

- | | | |
|------|---|--|
| 2019 | WWKTM | A 2-day International Conference on Web technologies |
| | <i>Gave a talk on Git internals titled, "Git can do THAT!"</i> | |
| 2020 | IN/Clojure | IN/Clojure is India's annual Clojure/Script conference, and Asia's first |
| | <i>Gave a talk about Light Table editor with demos. Talk Link</i> | |