

# Kishan Kumar

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📄 <https://stackoverflow.com/users/5561489>

🌐 <https://kishankumar.me>

🐙 <https://github.com/Kumar-Kishan>

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Someone who likes to write and ~~repeat~~ automate

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## Work Experience

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SDE2 (2020 Apr - Now)

Fareye

- Fareye.co (Logistics SaaS Platform For Enterprises)
    - Worked on making new features and ui redesign(Java/ReactJs)
    - Fix bugs reported
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Instructor

Himalaya College of Engineering

- Taught Machine Learning
    - MLP, CNN, RNN using python (tensorflow for complex networks)
    - Creating Data Pipeline and Handling Huge Datasets
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Web Developer (2018 Nov - 2019 Nov)

Chuchuro Firm

- Cloudscraper Exchange (A real estate trading website)
    - Create new dataroom(VueJs/Phalcon PHP/Python)
    - Write **migration scripts** from old dataroom to new dataroom
    - Embed Dataroom to another pages using custom vue components
    - Custom bash automation scripts and cron job for scheduled tasks
  - Docvault (Standalone Dataroom for individuals and corporations)
    - Helped in development of front end in VueJs and Backend in Python
    - Create a custom pdf-viewer for data population
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Full Stack Developer (2017 Nov - 2018 Oct)

Otonomis Pvt. Ltd.

- oTrack (An online realtime vehicle tracking system)
  - JVM based multi-threaded vehicle tracking server
  - Made multiple architectural decision in minimising the server costs
  - Database Schema Design And Optimization
  - Create project backbone in NodeJs and VueJS

- Code review and mentoring junior web devs
  - Created a generic CRUD using MEVN, and using vuex as client store
- E-Ticketing (An online ticket booking platform for vendors)
  - Crud realtime REST backend using MEVN stack
  - Admin Panel in using Vue and Bulma
- HOWApp (A learning platform where educators post videos, and students learn from it)
  - Entire REST Api for mobile devices
  - Deeplinking with native mobile apps
  - SEO For sharing purposes
  - Admin Panel in Vue and Bootstrap

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## Education

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Bachelor in Computer Engineering

Himalaya College of Engineering(Tribhuwan University)

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## Languages

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- Most Confident In
  - Java, Kotlin
  - Python
  - Javascript
  - PHP
  - C++
  - C
  - SQL
- Familiar with
  - CLisp
  - F#
  - C#
  - Go
  - Rust
  - Bash Scripting
  - Solidity

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## Tools

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- |              |           |              |                |
|--------------|-----------|--------------|----------------|
| • git        | • asyncjs | • Tensorflow | • VueJS        |
| • expressjs  | • Redis   | • CMake      | • AWS Services |
| • mongoosejs | • ZeroMQ  | • Keras      | • Docker       |
| • ReactJS    | • Heroku  | • socket.io  | • Ansible      |
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## Personal Projects

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## ***Neighbours***

*Adaptation of Conway's game of life to a simple CLI game*

- Creating the entire game in C++ using OOPs fundamentals, with SOLID and DRY principles in mind

## ***Shoot'Em All***

*A 2D side-shooter game inspired by Asteroids*

- Creating the entire game in C/OpenGL using allegro5

## ***E'Help***

*An emergency help application useful for SOS*

- Creating the platform with ASP.NET MVC, Xamarin and SignalR

## ***Jaani Rakhau***

*General Hygeine app which can be accessible to people in the rural area with visual and audio help*

- Implement a data centric application, using app stored JSON as its datastore

## ***Allons-y***

*Social Networking Website for travellers, where they can find content which are tailored for them*

- Create the backend API
- Cluster Users according to their behaviour
- Sentiment Analysis api based on Keras-Tensorflow for getting user's rationale on their replies to the post
- A place recommendation based on behaviour and 1.4 million data points collected from OSM datasets