

# Pankaj Chauhan

## Backend Engineer

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### PROFILE

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Passionate and quick learner Back-end Engineer with high attention to detail. Looking for a challenging role that promises expedited learning.

### EDUCATION

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#### IIT Kharagpur '21

*Electronics and Electrical Communication Engineering*

### WORK EXPERIENCE

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#### Backend Engineer

May 2021 – Dec 2021

*GoPerceptive*

- Built and maintained data extraction service with headless chrome, puppeteer, that collects data from various e-commerce and grocery delivery sites and parses 20,000+ pages daily collecting 30+ data points per page.
- Built REST APIs for serving data to dashboards and other vendors using express and other requirements.
- Automated sending daily reports to clients by email using nodemailer and exceljs to convert data into excel files
- Helped in scaling the database that stored 50+ GBs of data

#### Research Intern(Diabetic Retinopathy detection using Machine Learning)

May 2020 – Jul 2020

*IIT Kharagpur*

- Helped in classifying different eye images into 5 classes ranging from No DR to Proliferative DR.
- Trained Convolutional Neural Network using TensorFlow and Keras on the training dataset consisting of 72390 images and achieved train set accuracy is 96.15% and the test set accuracy is 72.99%.

### PROJECTS

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#### Determining the Saliency of Sound Sequences

Jul 2020 – Apr 2021

*IIT Kharagpur*

Researched 5 natural environment sound stimuli and used a spectrometer to extract the salient features of the sound stimuli to predict the salient events using Machine Learning

### SKILLS

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Javascript

Node.js

MongoDB

Express.js

Python

SQL

Data Structure & Algorithms

Machine Learning

Git