

RAJAT KALSOTRA

ML | Web Developer

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Bengaluru | Jammu



I'm a final year Computer Science engineering student. I am a goal oriented and a technology enthusiast who like to explore the latest technologies and has hands on experience in Web development,Machine Learning,Deep learning, Flutter app development.

WORK EXPERIENCES

Truminds Software Systems(Internship)

Jan - Feb 2020

Worked on the project of neighbourhood surveillance automation with automated detection and recognition of vehicles and the respective licence plates on their entry in the society premises.Also worked on designing OBD device simulator for testing purpose.

- Preprocessing of the images for better OCR(Optical character recognition) results.
- Automated template matching and finding closest result and its classification.
- Designed database model on MongoDB.
- Developed firebase based notification system to respective admins on vehicles entries and exits.

Creescync Software Technologies PVT LTD(Internship)

Sep - Nov 2019

Worked as Full stack web developer.

- Designed and developed a job seeking platform.
- UI redesign and improved performance of an existing project.
- Designed a Social networking platform.
- Did web scraping using cheerio library.

EDUCATION

Sir M Visvesvaraya Institute of technology,Bengaluru

2017 - Present

B.E Computer Science

Visvesvaraya Technological University,Karnataka(VTU)

CGPA - 8.54

Sainik School Nagrota , J&K

2010 - 2017

CBSE

Xth CGPA - 9.4

XIith 85.6% (PCMB)

PROJECTS

Energy Efficient Smart Home Automation

Winner for Buildathon

Worked on a prototype of home and development of an app with voice support. The prototype worked either in automated state(i.e with the help of sensors) or through the app

Realtime Face recognition

Open Source

Developed a realtime face recognition android app with flutter using MobileFaceNet model.

Write-App

Open Source

Social media of Ideas.A responsive web app in which users can publish their wonderful ideas about change pertaining to any topic.Developed with nodejs,mongoDB .

English to Hindi Translation using Transformer

English to Hindi Machine translation using transformer with self-attention layers.

Glug MVIT

Open Source

Developed a website for college group GNU/LINUX USERS GROUP(GLUG) for open source enthusiasts where new events can be posted and students can register on it.

SKILLS

Technical

C | C++

Python

Node.js | expressJS

JavaScript | JQuery

MongoDB | MySQL | Firebase

Flutter | Dart

Tensorflow

OpenCV

Technologies

IOT

Machine Learning

Deep Learning

Computer Vision

NLP

Professional

Fast learner

Strong problem solver

Effective communication

Team player

Good time management

ONLINE COURSES (MOOCS)

Machine Learning(Coursera)

Deep Learning

Specialization(Coursera)

Neural Networks and Deep Learning

Improving Deep Neural Networks

Structuring Machine Learning Projects

Convolutional Neural networks

Sequence Models

Programming, Data Structures and Algorithms Using Python(NPTEL)

Organised by IIT madras and NPTEL