

Nikhil Gupta

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in /gnikhil27
/gnikhil27
https://gnikhil27.github.io

Education

M.E in Computer Engineering

L.D. College of Engineering, GTU - Ahmedabad, Gujarat
Specialization in Natural Language Processing & Image Processing

2021 – Current
CPI 6.13

B.E. Computer Engineering

Narnarayan Shastri Institute of Technology, Gujarat Technological University

2016 – 2020
CGPA - 8.49/10

12th Science (Mathematics)

Pragati English Medium School, Ahmedabad

2015 – 2016
GSEB, 54.2%

SSC Board

Pragati English Medium School, Ahmedabad

2013 – 2014
GSEB, 65.0%

Experience

L.D. Engineering College

GATE Student - Teaching Assistant

March 2022 – Current
Teaching, Gujarat

- > Taking Lectures and Labs for 1st Year Engineering Students.
- > Managing Mid-Sem Exams for 1st Year students from paper making, supervision and checking.

Learnvern

Instructor & DevOps

March 2021 – February 2022
Teaching, Gujarat

- > Designing 3 online DevOps and Software Engineering course.
- > Hands-on practicals on Github, Jenkins, Docker, and Kubernetes.
- > **Website:** https://www.learnvern.com/courses?txt_search=DevOps

Programming Guruji - Freelancing

Programmer & Web Designer

October 2020 – October 2021
Programming, Gujarat

- > Getting needs from customers and creating their applications or websites
- > Integrating 3rd-party API's like Google Maps, Whatsapp, RazorPay, Paytm, SMS, Gmail
- > **Websites:** bayfoodmart.com, lajawabpanipuri.com, www.tronfitnessfactory.com, ckifm.com, shivaayinfotech.net

Institute of Advanced Networking & Technology

Lecturer & Project Manager

Mar. 2018 – Mar. 2020
Teaching, Gujarat

- > I studied and taught many new technologies that are trending, like Big Data, Artificial Intelligence, DevOps, IIoT.
- > I handled more than 120 students in one batch, with good grades in their examinations.
- > I did offline seminars/workshops at several universities in 3 states Bangalore, Madhya Pradesh & Gujarat.

Projects

Image Recognition: Triple Siamese Network with DeepFace

- > This project is built on Python using Keras
- > Siamese is a Neural Model which uses two input images to train itself.
- > DeepFace is an ANN model which has very high accuracy.
- > <https://github.com/gnikhil27/deepface>

NMVC - PHP-based framework for fast-fetching

- > NMVC is a currently a developing PHP framework whose sole focus is the speed of a large website.
- > The entire code is only 50 lines long and has fully customizable routes.
- > <https://github.com/Technophillic/NMVC>

Lajawab's Inventory Management Application

- > This project includes a web-based Admin Panel for reports and franchise management.
- > This project also includes a mobile application for all outlets.

Skills

Programming Skills

- > Quick Learner - I am adaptive and can quickly learn and work in new languages.
- > Well-Documentor - I always ensure that my code is well-documented and easy to read and understand for others.
- > Proficient Coder - Although not always the most optimal code but optimal enough with readable and understandable code.
- > Advanced Concept - I am familiar with concepts of OOP, High order Function, Mapping, Generic class & templates, Lambda functions, and syntax.
- > IoT Programming - I enjoy working with edge computing devices, particularly Arduino and Raspberry Pi.

Languages C, C++, Java, Go, HTML, CSS, BASH, JS, ES5, PHP, Node.js, Python, Ruby, VB.NET, C#, SQL

Frameworks Laravel, Django, Vue, Angular, React, Ruby on Rails, .NET MVC & Core, Arduino

Machine Learning Keras, Tensorflow, SciKit, OpenCV, Matplotlib, Pillow

Softwares Tableau, PowerBI, Jenkins, Git, GitHub, Splunk(on Raspberry Pi)

Platforms Linux, Mac, Docker, Kubernetes, Google GCP, Amazon EC2, Windows, Raspbian

IoT Boards Arduino UNO/MEGA/NANO, Flora, ESP8266, NODEMCU32, Raspberry Pi 3/4

