



Omkar Anil Borker

Student, 3rd Year B.Tech Computer Science and Engineering

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📄 Omkar Borker in Omkar Borker 🔄 Omkar Borker

I am Omkar Borker and I am a student of Computer Science and Engineering at National Institute of Technology ,Goa. I have a strong background in developing various software solutions related to machine learning ,web development and have a deep knowledge of programming languages including JavaScript, Python, and C++."

EDUCATION

Bachelor of technology in Computer Science And Engineering, 12/2020 - present
National Institute of Technology,Goa Ponda, India
CGPA: 8.75/10

Higher Secondary Education Class 12, 2018 - 2020
Mustifund Aryan Higher Secondary ,Cujira ,Goa Cujira, India
Board Percentage: 81.50 %

Secondary Education Class 10, 2008 - 2018
Mahila And Nutan English High School ,Margao ,Goa Margao,Goa, India
Board Percentage: 93.66%

SKILLS

Programming
Languages:
C/C++, Python, R, HTML, CSS, JavaScript, TypeScript

Database Analysis
And Management:
Oracle, MongoDB, PostgreSQL, Microsoft Excel(Macros and VBI), SPSS

Softwares:
Visual Studio code, Visual Studio ,Matlab, PyCharm, Jupyter Notebook/Lab

Frameworks:
React.js, Next.js, Express.js, Tailwind CSS,PyTorch, TensorFlow, Apache Spark, Bootstrap

CERTIFICATES

Supervised Machine Learning: Regression and Classification
Issued By : Coursera and OpenAI

Rest API (Intermediate)
Issued By : HackerRank

Python Programming Bootcamp
Issued By : Udemy

DU Hacks certificate
Issued by DUHacks

PROJECTS

Netflix Clone using Next.js

- Developed a Netflix clone using Next.js.
- Implemented server-side rendering (SSR) and static site generation (SSG) techniques for optimized performance and SEO-friendly rendering.
- Utilized API routes to fetch movie and TV show data from TMDB api and created a dynamic user interface with seamless client-side routing.

Face Recognition System (BitNaysh) : [🔗](#)

08/2021 - 09/2021

- A Web App using a Machine Learning Model to identify the picture given by the user and establish identity of the person and give required information about person/suspect.
- Runs with Hidden Markov Model to get facial match. Uses A optimised Database design And A optimised query system. The system was faster then pre-existing systems by factor of 200%.

Stock market Analytics and Prdiction using LSTM [🔗](#)

01/2023 - 03/2023

- Descriptive Statistics about the Data
- Moving average of the various stocks of different tech comapnies like Amazon, Apple, Google etc
- Analytics on Daily return of the stock on average
- Predicting the closing price stock price using LSTM(RNN)

Website For CSEA NIT GOA

12/2022 - 02/2023

- Official website for CSEA NITGOA club
- Developed with ReactJS and TailwindCSS
- Implemented a simple backend using Express.js for routing event details.
- Utilises PostgreSQL as database

AWARDS

3rd Place in Goa Police Hackathon for Improvised Face Recognition System, Goa Police Department [🔗](#)

2022

- The described system utilizes OpenCV, an open-source computer vision library, to capture a live feed or image of a person.
- The system then applies a Hidden Markov Model (HMM) to perform facial recognition on the captured image. The HMM algorithm analyzes the features of the face and compares them to the faces stored in a MongoDB database.

6th Rank at Science Talent Search Examination, State Council of Educational Research and Training ,Goa

2019

- Awarded For Excellent performance in the Science Talent Search Examination conducted by State Council of Educational Research and Training ,Goa

24th AIR at National Computer Intelligence Olympiad, Central Board of Information Technology [🔗](#)

2017

- Preliminary Round : Secured Gold Medal for state of Goa, selected for National level Olympiad.
- Final Round : Secured 24th rank at National Olympiad.

LANGUAGES

English



Hindi



Marathi

