

GopalGoyal

Portfolio

gopalgoyal612002@gmail.com | +91 9685260286

EDUCATION

IIT BOMBAY

MSc IN PHYSICS

May 2023 | Bombay

CGPA:7.56

BSc IN PHYSICS

May 2021 | Jaipur

University of Rajasthan

Percent:80

LINKS

Github:// [gopalgoyal2002](#)LinkedIn:// [gopalgoyal](#)Leetcode:// [gopalgoyal612002](#)Codechef:// [goyalgopal2002](#)Interview-Bit:// [gopal-goyal-990](#)

FREELANCING

- Completed 8 Jobs on upwork with 5 start.
- Build websites for clients using reactjs, nodejs and streamlit.
- Developed backend using Nodejs, FastAPI and host them on azure and aws.
- Convert python scripts into streamlit application.

SKILLS

Programming Languages:

• C++ • Python • Javascript

Web Development Technologies:

• ReactJs • NodeJs • FastAPI

Databases:

• SQL • MongoDB • BigQuery •

ElasticSearch • Pinecone

Cloud Technologies:

• AWS • S3 • DynamoDB • Lambda •

EC2 • SQS • EBS • Docker

ML and AI:

• NLP • Scikit-learn

CERTIFICATIONS

MERN stack - LCO

Data Science - ineuron

Frontend Expert

DSA - GeeksForGeeks

EXPERIENCE

ANZ OPERATION AND TECHNOLOGY | GRADUATE ENGINEER

Jun 2023 - Present | Bangalore

ZEON AI LABS SOFTWARE ENGINEERING INTERN

Mar 2022 - Nov 2022

- Developed **Microservices** for **SAAS** based product(QA System).
- Built **Auto-completion** APIs on contextual tags using **ElasticSearch**.
- Developed Twitter Sentiment **Lambda** for fetching tweets, then filtering and sending to **DynamoDb**.
- Did benchmark between **Elasticsearch**, **Pinecone**, and **Milvus** Databases on different types of pdfs and docs.
- Technologies Used: Python, FastAPI, Elasticsearch, Milvus, Pinecone, AWS Lambda, Amazon S3, NLP, Deep Learning.

EDUNOMICS TECH SOLUTION | FULL STACK DEVELOPMENT INTERN

Dec 2021 - Jan 2022

- Maintaining the frontend and backend design of the client's website.
- Created **React Tables** in the frontend and use **SQL** queries for data flow.
- Fixing bugs and providing new solutions to the coming errors. Technology Used: React js, Nodejs, Site Jet.

ARYMA LABS NLP INTERN

Jan 2023 - Feb 2023

- Created **python script** to download all attachments from mail Inbox.
- Train the **NER** model after annotating resumes and existing data using **spacy** for extracting indian names from resumes.

PROJECTS

APARTMENT WEBSITE | WEB APP | Link

- This is the website for US builders and clients to look for apartments.
- Scraped apartment data from other websites using selenium and bs4.
- Designed frontend and backend in **React**, **Node** and used **MongoDB**.
- Hosted on **AWS Elastic Beanstack** and delivered to a client.

BOOK RECOMMENDATION SYSTEM | ML | Link

- Developed a recommendation system using **KNN** (K nearest neighbor) algorithm on user ratings and book data.
- Designed the Frontend using **Streamlit** (python Library).

Checkout More Projects on my Portfolio...

AWARDS

- Secured All India Rank **213** in IIT - JAM(2021).
- Secured AIR **60** in Joint Entrance screening Test.
- Secured Rank **15** in Code Drill coding contest organized by IIST.
- Secured Rank **373** in May Lunchtime coding contest division 2.