# Khushal Sindhav

Full Stack Developer

B.Tech | Artificial Intelligence & Data Science | IIT Jodhpur📞 +91-9328576258🔗 KhushalSindhav⚡ MagnusCarlsen26🏆 MagnusCarlsen👨‍💻 khushal2003

## Summary

I am a passionate Engineer who likes to solve real life difficult problems. I am a fast learner, who can adapt to fast paced enviorments and slow paced enviorments. Linux is my daily driver.

## Education

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| --- | --- | --- | --- |
| **Institution** | **Degree/Class** | **Date** | **Percentage** |
| IIT Jodhpur | B.Tech in AI & Data Science | May 2025 |  |
| JHASV, Surat | Class 12 | May 2021 | 93% |
| JHASV, Surat | Class 10 | May 2019 | 91% |

## Skills

### LanguagesC/C++JavaScriptPython

### Full StackReactNextJSBootstrapTailwindMongoDBNodeJSFlask

### DevOpsAWSFirebaseDockerKubernetes

## Experience

### Oasis of Ideas

Feb 2025 – May 2025

LinkedInPythonAsyncioOpenRouterAWS EC2tmux

* Solely designed, implemented, and maintained an end-to-end system for scraping and processing startup ideas.
* Scraped data from multiple websites using asynchronous Python programming.
* Processed scraped content via multi-stage LLM pipelines powered by OpenAI, DeepSeek, and Gemini.
* Deployed and scaled the system across 8 AWS EC2 instances; used tmux for concurrent task management.
* Built a fully automated pipeline for idea extraction, filtering, and curation using LLMs.

## Projects

### SURVEY PORTAL

Dec 2024

Dr. Dweepobotee Brahma[Github](#)NextJSTailwindCSSVercelNodeJSFirestoreFirebase functionsAWS EC2

* Developed a custom survey website to conduct surveys at IIT Jodhpur.
* The website handled 270 users without any errors during the survey.
* Designed a responsive UI and implemented security measures, such as preventing users from changing or skipping responses to questions.
* Created a user-friendly admin panel to manage user access effectively.

### PRACTO SCRAPER

Dec 2024

Dr. Dweepobotee Brahma[Github](#)JavascriptDockerKubernetesFirebaseAWS EKS

* Scraped data of 6600 doctors in 2 hours. From Practo for research purposes.
* Implemented a master-worker architecture to accomplish the task.
* Deployed the master using Firebase Functions and the worker using Docker containers on AWS Elastic Kubernetes Service (EKS).
* Addressed challenges related to efficiency, code reusability, and race conditions in Firestore.

## Achievements

* Made an extension to fill feedback for all courses in one click.
* Discovered auth vulnerability in college ERP system.
* Pupil at Codeforces with peak rating of 1369.
* Secured 352 Global rank in CodeChef Starters 92 (Div. 2).
* Secured 1700 rank in Google Kickstart Round C 2022.
* Among top 0.8% in JEE Advanced 2021.