

# Krishna Dev Solanki

+91 6376270379 | [solanki.5@iitj.ac.in](mailto:solanki.5@iitj.ac.in) | [kaid21114@gmail.com](mailto:kaid21114@gmail.com)

 [Leetcode](#) |  [Linkedin](#) |  [Github](#)

## EDUCATION

- Indian Institute of Technology, Jodhpur, B.Tech May 2025
- St. Joseph International School, Kota, 12th CBSE Board April 2020
- Christ The King Inter College, Tundla, Fzd, 10th ICSE Board April 2018

## EXPERIENCE

- Full Stack Developer, Lythe [Link](#) January 2025 - Present
  - Built a fully responsive web application from scratch using **React.js, JavaScript, and Tailwind CSS**, focusing on modular design and seamless UI/UX.
  - Developed a backend pipeline to scrape data from Telegram, processed it using an **NLP parser**, and stored structured data in **MongoDB**.
  - Integrated frontend with backend APIs, enabling real-time data rendering, and collaborated in an Agile team using **Git, GitHub, and Figma**.
- Nlp Internship, Aryma Labs June 2024 - July 2024
  - Developed and deployed an end-to-end RAG-based Chatbot using FAISS vector database, Langchain and LLM as Gemini-pro, hosted on AWS, to enhance database interactions. Worked on developing several features in the app, including multilingual functionality and recommendations.
  - Developed a full Text-to-SQL application enabling clients to query their database using natural language.

## PROJECTS

- PHC Management App [Live Link](#) August 2023 – February 2024
  - Designed admin/patient dashboards to manage **50+ doctors/patients**, reducing appointment scheduling time by 40% (ReactJS, MongoDB) and implemented **JWT authentication** and role-based access control (RBAC), ensuring **100% security** compliance with zero breaches.
  - **Tech Stack:** ReactJS, MongoDB, NodeJS, ExpressJS, Tailwind CSS, JWT
- MusicTube [Repo Link](#) February 2024 – April 2024
  - Developed a music streaming platform with **AI-powered recommendations**, boosting user engagement by 30% and achieving 85% accuracy in natural language search queries using Pinecone and Transformers.
  - **Tech Stack:** ReactJS, NodeJS, MongoDB, Pinecone, Redux, FastAPI, CLAP, MRL, Transformers

## TECHNICAL SKILLS

**Languages:** C++, JavaScript, TypeScript, Python, SQL

**Computer Science:** Data Structures and Algorithms, Operating System, Deep Learning, DBMS, OOPS

**Machine Learning:** Scikit-Learn, Pandas, Numpy, Matplotlib, NLP, Pytorch, CNN, GANs, LLMs

**Development:** HTML, CSS, ReactJS, NodeJS, Express, MongoDB, Docker, AWS, WebSocket

**Miscellaneous:** Github, Firebase, REST-API, Generative Ai, System Design, LLD, HLD

## ACHIEVEMENTS

- Knight on Leetcode with 1872 rating, solved over 850 questions. [Link](#)
- Secured a rank in the top 2% in JEE Advanced, among 1.5M+ candidates, earning admission to IIT.
- Certification in Deep Learning Specialization - Coursera (Andrew Ng)

## LEADERSHIP & RESPONSIBILITIES

- Captain Athletics Society IIT Jodhpur, led a team of 45+ Athletes May 2024 – April 2025
- Secretary Athletics Society IIT Jodhpur May 2023 – April 2024
- Overall Coordinator Frame - X Filmmaking and Video Editing Society May 2022 – April 2023
- Assistant Head Event Management, VARCHAS, Sports Festival of IITJ August 2022 – September 2022