

# CHAYAN PANDIT

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## EDUCATION

Indian Institute of Technology(Indian School of Mines), Dhanbad

Graduation Date: May 2024

Bachelor of Technology in Computer Science and Engineering | CGPA: 9.28

Dhanbad, Jharkhand

## WORK EXPERIENCE

Mojo Web Technology

July 2024

Full Stack Software Developer

Remote

- Lead the development of a UI-driven FBInstant game leveraging Meta APIs, artificial intelligence and cloud storage solutions like aws S3.
- Conducted thorough code/design reviews, providing actionable feedback that elevated code quality across the team and reduced post-deployment defects by 30%.
- Tech Stack: ReactJs, AWS, Meta API, NextJs, Drizzle, Postgres, LuciaAuth.

Aeroqube Inc.

August 2023 – April 2024

Software Development Engineer Intern

Remote

- Engineered data engineering solutions of computer vision to increase security systems' efficiency (90% precision) using YOLO and MediaPipe.
- Automated **signature (and logo) detection and verification** of documents achieving 80% recall and 60% precision.
- Leveraged AWS cloud infrastructure to optimize system performance, resulting in a 40% increase in scalability.

Atlassian

May 2023 – July 2023

Software Development Engineer Intern

Bangalore, India

- Engineered a comprehensive **natural language processing solution** that automated email request categorization system (with an accuracy of 90.17% at 86.7% coverage) capable of reducing ticket resolution time by 50%, using using **PyTorch** models.
- Designed a highly scalable knowledge graph solution to enhance virtual agent capabilities by suggesting relevant troubleshooting steps (**reducing reliance on human agents** by 20%) and identifying knowledge base gaps.
- Developed a web application with ReactJs and Javascript, integrating Flask, Rest API and Graphviz.io for visualization; boosted user engagement by 30%.

## PROJECTS

Re:Image

July 2024

An AI-SaaS app.

[Website](#) | [GitHub](#)

- Designed an AI-powered image Editing Platform utilizing Cloudinary AI to provide advanced image editing features, including image restoration, expansion, and enhancement.
- Implemented a robust payment gateway system enabling secure transactions for users subscribing to premium features.
- Tech Stack: NextJs, TypeScript, Cloudinary, Stripe, Clerk.

Chat with PDF

May 2024

A pdf question-answering app.

[Website](#) | [GitHub](#)

- Implemented an AI-driven system that accurately answered follow-up questions from users for up to 5 pdfs.
- Tech Stack: ReactJs, FastAPI, Streamlit, LangChain, Python, Google GenAI, FAISS.

## TECHNICAL SKILLS

- **Programming Languages:** C, C++, Python, Java, JavaScript, HTML, CSS.
- **Frameworks:** ReactJs, NodeJs, Express, FastAPI, Flask, Django.
- **Databases:** MongoDB, MySQL, Firebase.
- **Others:** Git, System Design, Code Review, LangChain, MediaPipe.

## PROGRAMMING

- |   |                           |                       |
|---|---------------------------|-----------------------|
| • Codeforces ( <a href="#">Profile</a> ):   | Rating: 1545 (Specialist) | Problems Solved: 340+ |
| • Codechef ( <a href="#">Profile</a> ):     | Rating: 2051 (5 stars)    | Problems Solved: 115+ |
| • Leetcode ( <a href="#">Profile</a> ):     | Rating: 1869              | Problems Solved: 350+ |
| • Interviewbit ( <a href="#">Profile</a> ): | Rating: 6857              | Problems Solved: 365+ |

## POSITION OF RESPONSIBILITY

- **Promotions Team, Artfreaks** - Collaborated with teammates and managed promotions for the Fine Arts Club with over 50 members.