

KUTHADI JASWANTH SAI PREM

ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
B-Tech	Mining Engineering IIT (BHU), Varanasi	7.73	2025
BIEAP (XII)	Sri Chaitanya Junior College	79.80	2020
BSEAP (X)	Prathibha EM High School	85.50	2018

SKILLS

- **Languages:** C/C++, Python, MySQL, HTML, CSS, JS, Kotlin.
- **Tools and Frameworks :** Django, Linux, Flutter, Git, Neo4j, Excel, Tableau, Power BI, Flask, Android Studios.
- **Areas of Interest:** Data Structures & Algorithms, Machine Learning, GAN'S.
- **Soft Skills:** People Management, Building Strategic Relations, Sound communication.

INTERNSHIP/TRAINING

SkyBug Technologies

Dec 2022

- Employed at Sky Bug Technologies in Bangalore as a **C++ engineer**.
- Utilizing the C++ language's data structures and algorithms to do various jobs. I have the assigned tasks to code.
- **Exposure :** Data Structures and Algorithms, Object Oriented Programing.

PROJECTS

Mine Machinery Predictive Maintenance

Jan 2024 - April 2024

Web Development Project Under Prof Suprakash Gupta

- Implemented a real-time application employing **the Weibull Distribution** to generate reliability values and visualize them through a **Reliability vs Time graph**.
- Facilitated efficient infrastructure planning and investment decisions at scale by predicting machine lifetime and performance. And deploying the model into webiste Using **Flask**.
- **Exposure:** Jupyter Notebook, ML, VS Code, Flask, Html,CSS and JS.

Single Image Super-Resolution using GAN

Jan 2023- May 2023

Data Science Project

- Implemented an advanced Super Resolution GAN model that successfully enhances images by a factor of four.
- Key feature includes the perceptual loss function which uses pre-trained models to compare features and validate the generated images.
- **Exposure :** Python, NumPy, Keras, CNN, TensorFlow.

Talent Search | Django based Job Portal

Jan 2023 - May 2023

Django based Web development project

- Talent Search is a database management web application for Searching Jobs and Posting vacancies of a company.
- Platform for companies to manage job listings, applicants while providing job seekers with the ability to search, apply.
- **Exposure :** Python, Django, MySQL, HTML, CSS

POSITION OF RESPONSIBILITY

Workshop Executive || Technex'22 (IITBHU)

Jan 2022 - March 2022

- Worked with a team of 15 members and responsible for conducting AI ,ML, Web Development.
- Worked with a team of 10 members to plan and conduct workshops.

Cricket Co-ordinator|| Spardha'23 (IITBHU)

August 2023 - Oct 2023

- Managed cricket matches , ensuring smooth execution and optimal ground allocation for efficient scheduling.
- Managed match logistics, team arrangements, and facility utilization, enhancing the sports program's overall success.

HONOURS AND ACHIEVEMENTS

- Achieved a notable rank of **854 in the institute's GFG (GeeksforGeeks) ranking** system.
- Participated in the **SGFI district-level cricket tournament**, showcasing dedication and competitive prowess in sports.
- Selected for **NATIONAL ALL INDIA TEWNTY 20-20 CRICKET CHAMPIONSHIP 2016**.

EXTRA-CURRICULAR ACTIVITIES

- Solved **over 500 DSA problems** on platforms like GFG, Codeforces, Coding Ninjas, LeetCode,etc.
- Experienced CS professional with expertise in providing comprehensive solutions and guidance as a Chegg expert.

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