

Keshav Jha

SOFTWARE ENGINEER

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Education

Delhi Technical Campus, GGSIPU

BTech in Computer Science

- CGPA: Year1 + Year2: 6.42

Greater Noida, India

Nov 2022 - Nov 2026

School Of Excellence

High School

- CBSE XII PCMB

Delhi, India

March 2019 - March 2020

Experience

EZCalls

Creator

- Developed telephone IVR system using Python and Twilio.
- Developed a Python Software which can perform automated task on voice commands.
- 50+ local vendors use EZCalls regularly helping them achieve montly 10000+ calls

Delhi, India

Dec 2023 - Feb 2024

Younity.in

Corporate Development Specialist

- Communicate with teams to develop their interacting skills.
- Assess and troubleshoot Computer problems brought by staff.
- Maintain upkeep of company.

Online

Jul 2023 - Aug 2023

Projects

Multimodal Emotion Recognition System

GGSIPU, Delhi

- Developed a real-time emotion recognition system integrating facial expression analysis, voice tone processing, and text sentiment analysis using Python, Flask, and a REST API with an HTML/CSS frontend.
- Built using multimodal datasets including facial images, audio recordings, and text inputs (e.g., RAVDESS and MELD).
- Utilized convolutional neural networks (CNNs) with TensorFlow for image processing, transformers for audio and text analysis, and Scikit-Learn for model optimization.

Delhi, India

July 2023 - Present

Personalized Healthcare Recommendation Engine

GGSIPU, Delhi

- Developed a Python-based healthcare recommendation system using reinforcement learning to suggest personalized treatments and lifestyle changes based on user health data.
- Capable of processing symptoms, vitals, and medical history, with dynamic optimization using a contextual bandit algorithm, deployed via Flask API.

Delhi, India

August 2023 - Present

Skills

Programming

Python (Pandas, PyTorch, NumPy, Scikit-learn. etc.), Golang, C/C++, SQL, Ruby.

Technical Skills

Data Structures and Algorithms, API Design and Development, Object Oriented Programming, Operating System, Database Management System, Computer Networking, Linux/Unix, Shell (Bash/Zsh), Git, TCP/IP, Distributed System

Achievements

- 2024 **Solved More Than 2000 DSA Questions**, at Leetcode, Codeforces, GeeksForGeeks, CodingNinja, Hackerrank
- 2024 **Knight - Top 3 % Worldwide with a Max Rating of 1938**, LeetCode (Username - LitEngineer)
- 2024 **5 Star with 540 Country Rank with a Max Rating of 2077**, Codechef (Username - realengineer)
- 2024 **5 star with Global Rank 41 with a Max Rating of 2180**, GeeksForGeeks (Username - therealsaitama)
- 2024 **Global Rank 327 out of 50000 participant**, Codeforces Round 984
- 2024 **Global Rank 34 and India Rank 27 out of 19k participant**, Codechef Starters 163 Div 2
- 2024 **Global Rank 19**, GFG Weekly 180
- 2024 **Global Rank 964 out of 30k participant**, Leetcode Weekly Contest 427

India

India

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