

# JAI DESAI

[Linkedin](#) | [GitHub](#) | [jai.desai.engr@gmail.com](mailto:jai.desai.engr@gmail.com) | [jaid28.github.io](https://jaid28.github.io)

## SUMMARY

Software Engineer and Machine Learning Enthusiast with a strong foundation in Python, Data Structures & Algorithms, and Machine Learning. Experienced in developing AI-driven solutions using TensorFlow, NumPy, and Pandas. Seeking a role in software or ML engineering to apply AI-driven problem-solving and scalable software solutions.

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## EXPERIENCE

Freelancer (2022- Present)

- Developed and delivered Python-based automation tools and data-driven applications for various clients.
- Provided technical copywriting services, creating high-quality content for technical blogs, tutorials, and documentation.

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## EDUCATION

Bachelor of Engineering in Computer Science (2020 - 2024)

Sant Gadge Baba Amravati University (GPA- 3.14/4.00)

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## SKILLS

- Programming Languages & Development: Python, JavaScript, SQL, Data Structures & Algorithms, Object-Oriented Programming (OOPs), Git, RESTful APIs
- Libraries: NumPy, Pandas, TensorFlow, Flask, Django, OpenCV, Scikit-Learn
- Mathematics: Linear Algebra, Calculus, Probability, Statistics, Optimization

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## PROJECTS

Event Management System:

- Designed a web-based platform for event creation, registration, and scheduling. Developed a responsive UI with MySQL and RESTful APIs for seamless attendee management.
- Technologies Used: MySQL, Python, Git, RESTful APIs, HTML, CSS.

Face Detection Attendance System:

- Developed a real-time face recognition system using CNNs, TensorFlow, and OpenCV, achieving 98% accuracy on a dataset of 1000 faces. Reducing manual attendance tracking time by 50% for 1,000+ users.
- Technologies Used: MySQL, Python, Git, HTML, CSS, TensorFlow, Keras.

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## CERTIFICATIONS

- Complete Data Science Machine Learning, DL, NLP Bootcamp – Udemy
- Software Engineer Intern Certification - Hacker Rank