

ESHA DEOGHARE

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SUMMARY

Curious and results-driven Electronics and Computer Engineering student with a strong foundation in artificial intelligence, data science and front-end web development. Skilled in Python, SQL and JavaScript with hands-on experience building real-time web applications and fraud detection platforms. Known for adaptability, attention to detail and with a problem-solving mindset I am eager to contribute to impactful, AI-driven solutions.

EDUCATION

Bachelor of Technology in Electronics and Computer Engineering

MIT Art, Design & Technology University- Pune, India

Graduation year -2026

CGPA - 8.52/10

XII Science

S.P College- Pune, India

March 2020 - March 2022

Percentage- 67.83%

TECHNICAL SKILLS

Programming Languages: C, C++, Python, Java, SQL, HTML, CSS, JavaScript.

Technical Skills: Machine Learning, Artificial Intelligence, Natural Language Processing, Operating Systems, Data Structures and Algorithms, Software Testing, Object Oriented Programming, Web Development, Database Management System, Cloud Computing.

Tools/Platforms: React.JS, Figma, Spline, GitHub, AWS Cloud, WordPress, VS Code, MYSQL, Selenium, Microsoft Office Suite.

Framework/Libraries: Bootstrap, NumPy & Pandas, Scikit-learn.

PROJECTS & RESEARCH ACHIEVEMENTS

8th International Symposium on Innovative Global Technology Trends

March 2026

- Secured 1st Position in the Paper Presentation category of Symposium for the ongoing project titled 'Indian Sign Language Detection'. This paper consists of solutions that bridge the gap between common and impaired people for social causes.

Event Management Website Development- GOLDEN MEMORIES

April 2024

- Developed a dynamic event management website using HTML with a user-friendly interface, increasing team collaboration efficiency by 25% and improving project execution quality by 20%.

Real Time Location Tracking | HTML, CSS, JS | [LinkedIn](#)

October 2024

- Developed a location-tracking website using Google API, enhancing user tracking, security and improving operational efficiency by 40% through real-time location data.

Fraud Detection for E-commerce Transactions | React.js

May 2025

- Implemented and tested a React-based fraud detection UI that automates real-time validation of transaction amounts against a ₹10,000 threshold, helping prevent high-value fraud attempts by immediately flagging suspicious transactions and improving user trust.

Indian Sign Language Detection | AI, Computer Vision

(ongoing)

- Developing a Computer Vision and AI-based Indian Sign Language Detection system to recognize hand gestures and facial expressions in real time enhancing accessibility and real-time sign interpretation for hearing and speech impaired people.

INTERNSHIP / LEADERSHIP EXPERIENCE

Larsen & Toubro Limited | HTML, React.js, CSS, Web Development | [LinkedIn](#)

Jan 2025 - June 2025

Power / Energy Sector

Pune, India

- Developed a high-performance React.js-based JSON editor at Larsen & Toubro Limited, enabling professionals to efficiently upload, view, edit, and save complex JSON files with advanced features like undo/redo, column/row editing, search, and performance optimization, achieving a 90% improvement in usability and efficiency.

Pandemic Response Volunteer

June 2021- August 2021

SPHERE-Society for Prevention, Healthcare, Education, Research (Non profit)

Pune, India

- Led a team to organize impactful social events during the COVID-19 pandemic, successfully implementing targeted initiatives that improved overall community well-being.

Electronics and Communication Association of Students (ECAS) | Lead, Event Management**June 2023- August 2025**

MIT- Art, Design & Technology University

Pune, India

- Organized 2 major events and led the committee for a workshop on "Introduction to Figma," increasing student engagement by 25%, while streamlining team communication, reducing event issues by 20%, and boosting attendee satisfaction by 30%.

Team Volta- Robotics Club| Programming & Electronics**June 2023- August 2024**

MIT- Art, Design & Technology University

Pune, India

- Enhanced team productivity by writing code and managing electronics gear, improving system dependability by 15% and reducing debugging time by 20%.

Member of Ideate Club| UI/UX | Event Management**June 2024- August 2025**

MIT- Art, Design & Technology University

Pune, India

- Recently joined the Ideate club as a member of the event management team, conducting a "Figuring Figma " event that engaged the audience and contributed to a 30% increase in community interaction.

CERTIFICATIONS

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- Foundation: Machine Learning with Python | [LinkedIn](#) **July 2024**
 - Introduction to GenerativeAI | [LinkedIn](#) **Nov 2024**
 - Generative AI: Prompt Engineering Basics | [LinkedIn](#) **Nov 2024**
 - HTML, CSS, and Javascript for Web Developers | [LinkedIn](#) **Dec 2024**