

# Sole Abhishek

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## COMPUTER SCIENCE UNDERGRAD

Computer Science Undergraduate with hands-on internship experience in building frontend features using **JavaScript, React, Bootstrap, and RESTful APIs**. Quick learner with strong **problem-solving skills**, passionate about building user-focused web applications and contributing to impactful tech teams.

## SKILLS

**Languages** : Java, Python, HTML, CSS, Javascript, React  
**Frameworks** : Bootstrap, Reactstrap, Tailwind CSS  
**Databases** : SQL

## EXPERIENCE

### Full Stack Developer Intern

iBridge LLC

Feb 2025 – Present

Remote – Bengaluru

- Contributed to **Kairos IMS**, an impact management system for NGOs developed in collaboration with **Microsoft**.
- Implemented a **nomenclature customization feature** allowing administrators to rename modules, fields, and headings dynamically within the platform.
- Developed responsive and accessible UI components using **React, Reactstrap, and Bootstrap**, improving user experience and configurability.
- Integrated and tested **RESTful APIs** to ensure smooth interaction between frontend components and backend services.
- Participated in **Agile sprint reviews** and collaborated with cross-functional teams to iterate on UI/UX improvements.

## EDUCATION

### B V Raju Institute of Technology

Bachelor of Technology in Computer Science – 8.4

Narsapur, Telangana

Dec 2021 – June 2025

## PROJECTS

### Sign Language Recognition

*Python, OpenCV, Tensorflow*

[Source Code](#)

- A model built with fundamentals of **machine learning** to assist specially-abled individuals in communication.
- Utilized **OpenCV** for real-time sign detection and image processing, achieving a processing speed of **30 frames per second (FPS)** for immediate sign recognition.
- Trained the model using **Google Teachable Machine**, resulting in an accuracy rate of **over 90%** in detecting specific signs from a dataset of **11,000+ images**.
- Implemented a **Convolutional Neural Network (CNN)** to recognize and classify various sign language gestures.
- Designed the **system to convert recognized signs into text**, facilitating communication with an average response time of **less than 2 seconds**, thereby improving user interaction and accessibility.

### AI Image Enhancer

*React, JavaScript, PicWish API*

[Source Code](#)

- Developed a web-based AI image enhancer that allows users to **upload and enhance images** using the PicWish API.
- Built an intuitive user interface with **React and Bootstrap**, enabling drag-and-drop uploads and **real-time previews**.
- Integrated **PicWish's RESTful API** to remove background noise and enhance image clarity, brightness, and quality.
- Implemented **responsive design** to ensure usability across mobile and desktop platforms.
- Enabled high-resolution image export, providing a **seamless experience for end-users** such as designers and marketers.