

## EDUCATION

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- **Indian Institute of Technology Mandi** Mandi, India  
*Bachelor of Technology in Computer Science and Engineering CGPA: 8.14* 2021 - Present

## EXPERIENCE

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- **Mazinda** Remote  
*Frontend Development Intern* Sept 2022 - Nov 2022
  - **User Interface Development:** Developed and implemented user interfaces as per company's requirement.
  - **Implementation:** Collaborated with the development and design teams to create responsive and visually appealing web pages using html, css and javascript.
- **Research Intern** IIT Mandi  
*Intern under Dr.Parimala Kancharla* June 2023
  - **Project Brief:** Integrated a new speech-to-text feature in a gesture-to-text model for seamless communication and deployed it on RaspberryPi .Developed an Indian English speech-to-text program in Python using the Vosk model and fixed bugs in gesture-to-text model
- **Kisanlink** Remote  
*Technical Lead Intern* Dec 2023 - Present
  - **Website Management:** Managing the current website and creating two new websites from scratch using MERN stack and deployed it on AWS.
  - **API Support:** Aided in API integration and testing for improved system communication.

## PROJECTS

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- **Soil Sense:**  
Developed a soil classification system using CNN and image processing to classify soil based on the input image. Implemented it using Python with Flask and developed the frontend.
- **Complaint Management System:**  
Built a complete Complaint Management System for students using MongoDB, Node.js, Express.js, Passport.js, html, css, and javascript. Includes user registration, complaint filing, status tracking, email notifications via Nodemailer, and an admin interface for resolution.

## ACHIEVEMENTS

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- **Secured 2<sup>nd</sup> position in an inter-college hackathon:**  
Led a team of 4 members in developing a disease diagnosis website using neural networks and machine learning models for accurate detection of various health issues. Implemented it using Python with Flask

## POSITION OF RESPONSIBILITY

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- **Griffinsight web development team:** Reactjs, html, css, javascript
- **Xpecto web development team:** Reactjs, MongoDB, Nodejs and Passportjs

## TECHNICAL SKILLS

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- **Languages:** C++, Python, SQL
- **Technologies/Frameworks/Libraries/Courses:** Data Science I,II and III, Data Structures and Algorithms, API integration, Nodejs, Expressjs, MongoDB, ReactJs, html, css, Javascript, Flask, Introduction to Database Systems, Wordpress, AWS