

Himesh Sharma

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Technical Skills: Java, Data Structures and Algorithms, Python, DBMS, OOPs, ReactJS, HTML, CSS, MySQL.

EDUCATION			
Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE - AI and ML)	July 2019 –Ongoing	Vellore Institute of Technology, Bhopal	7.59/10
Class XII	May 2018	Kendriya Vidyalaya, Damoh [M.P.]	73.5%
Class X	May 2016	Kendriya Vidyalaya, Damoh [M.P.]	80%

ACADEMIC PROJECTS

Computer Vision	<ul style="list-style-type: none">▪ Hand Sign Detection (American Sign Language ASL) Computer Vision (Oct 22– Apr 23)<ul style="list-style-type: none">- Description: Hand Sign Language Recognition (SLR) is a computational task that involves recognizing actions from sign languages. This is an essential problem to solve especially in the digital world to bridge the communication gap that is faced by people with hearing impairments.- Technologies: Python 3 (CV Zone, Mediapipe, Open CV, TensorFlow (Keras)), Teachable Machine Model Training website.- Role: Creating and Implementing Data Collection python file, trained 300+ images for model training, Model Development & Deployment.- Link & Results : https://github.com/TheQuestHS/HandSign-Detection
Web App and Database cluster (React.js)	<ul style="list-style-type: none">▪ Adhyayan (online free education site with an emphasis on gamification) (Sep 21– Apr 22)<ul style="list-style-type: none">- Description: Gamified learning website for kids made with React.js and Bootstrap at front end and node.js and express.js server for validation across forms and storing data to MongoDB atlas cluster via mongoose. Site contains UNITY games for development of children and having fun while learning.- Technologies: React.js, Bootstrap, node.js, express.js server, MongoDB atlas cluster, UNITY.- Team : 8 members.- Role: Frontend & Backend design, development, Creating MongoDB cluster, Creating user validation paths & Deployment.- Link & Results : https://github.com/TheQuestHS/Adhyayan-Pedagogy_edu
Android App and Machine Learning	<ul style="list-style-type: none">▪ SCANNY - A MULTI- PURPOSE Optical Character Recognition (OCR) APP (Jun 20– Dec 20)<ul style="list-style-type: none">- Description: It is a multi-purpose OCR Scanner android app, where a user can extract the text as output from any given image, PDF, captcha, or even a number plate of a vehicle.- Technologies: Java, Flutter, ML, Firebase.- Team : 4 members.- Role: Frontend Design, Model Development & Deployment.- Link & Results: https://github.com/TheQuestHS/SCANNY-Multi-Purpose-OCR-APP

INTERNSHIP EXPERIENCE

Augmented Reality (Feb 22 – Apr 22)	<ul style="list-style-type: none">▪ MirrAR Innovation Technologies Pvt. Ltd▪ I have completed 2 months internship at MirrAR Innovation Technologies Pvt. Ltd in which I learned about practical application-based learning and worked in the field of Augmented Reality and 3D Modeling.▪ Technologies used: Spark AR, MirrAR, Adobe Photoshop and Blender.▪ Link - https://drive.google.com/file/d/1jUZW7xPXEFs6OADHnkj-EGYmJp-AXVjO/view?usp=sharing
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EXTRA-CURRICULARS AND ACHIEVEMENTS

Achievements	<ul style="list-style-type: none">▪ AI Appreciate Badge, from Intel Corporation and Central Board Of Secondary Education (CBSE).▪ Certificate of participation in Workshop on “AI Powered Mobile Application Development” organized by AI Club of VIT Bhopal University.
Responsibilities	<ul style="list-style-type: none">▪ Member of the Software Club, Android Development Club & AI Club of VIT Bhopal University.
Extracurricular	<ul style="list-style-type: none">▪ Certification on Statistical Data Analytics for Business Research by VIT Vellore Institute of Technology.▪ Participant, Internship talk by Internshala, on “How to gain Experience and Pocket Money while in college”.

ADDITIONAL INFORMATION

Hobbies	<ul style="list-style-type: none">▪ Avid Book Reader, travelling – Road trips and visiting amazing places.
Languages	<ul style="list-style-type: none">▪ English, Hindi.