Pranav Dharme

Third Year Undergraduate
Computer Science and Engineering
Indian Institute of Technology, Mandi

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pranav-dharme **in**
Pranav-Programmer ⦿

Educational Qualifications

Indian Institute of Technology, Mandi	Himachal Pradesh, India
B.Tech, Computer Science and Engineering,	*November 2020 - June 2024*
The New Era High-school and junior college, Jalgaon Jamod	Maharashtra, India
Maharashtra State Board, Class - XII	*June 2018 - March 2019*
The New Era High-school and junior college, Jalgaon Jamod	Maharashtra, India
Maharashtra State Board, Class - X	*June 2016 - March 2017*

Skills

- **Programming Languages**: C++, Python, PHP, HTML, CSS, JavaScript.
- **Frameworks and Tools**: Django, Streamlite, MySQL, Git, GitHub, VS Code.

Projects

LiFiVerse: Data Transmission Using Light ⦿ GitHub Link
Arduino, Solidworks, CoolTerm, $bmp2h_conv, C++, Kotlin, XML, HTML, CSS$ October, 2022
- *LiFiVerse is a **mechanical device** which transmit the data with the help of **flickering property of light** from one device to another device.*
- *The device can be useful in situations when the use of radio wave communication devices is prohibited or when there is a need to transmit data at high speeds over a short distance.*

FaceCap: Advance Attendance System by Facial Recognition ⦿ *GitHub Link*
Python, Facial recognition, Streamlite, HTML, CSS May, 2022
- *Implemented **face recognition using python library** in the back-end and design the **front-end** using HTML and CSS.*
- *Build the **backend structure** which store user image in a **folder** which get use in recognition process.*

NlistJob: Job portal ⦿ *GitHub Link*
HTML, CSS, PHP, MySQL, Bootstrap JavaScript January, 2022
- *Build a job portal where recruiters can post the job and applicant can apply for it.*
- *Programmed a backend in a way that the changes in particular page can reflect over another page using CRED operation.*
- *Implemented **password validation and encrypting functionalities** in the back-end.*

MoodFlip: Social Media site homepage ⦿ *GitHub Link*
HTML, CSS JavaScript February, 2021
- *Clone a social media site web page and implement some features like Register and login, videos.*
- *Use CSS nicely to implement the dark mode feature. Also build a simple number guessing game and merge with site.*

MaskReady: Mask Detection System ⦿ *GitHub Link*
Python, TensorFlow Keras April, 2021
- *Use one pre-trained model to detect faces with mask and without maks.*
- *Model capture the face and then went it through trained model which detect the face is with mask or without mask.*

Relevant Courses

Data Structures and Algorithms	Computing and Data Science	Introduction to Web Development
Database and Management Systems	Computer Organization	Mathematical Foundations of Computer Science
Basic Machine Learning	Probability and Statistics	

Achievements

- **First rank in high market potential category for Design Practicum project.** ⦿ *October, 2022*
  My team secured first place out of 300 students with 50 teams who built projects and presented them to industrial experts.
- **Microsoft Engage 2022 Mentee** *May, 2022*
  I was shortlisted for **interview** process after my project got selected in third round.
- **Received swags in 30 Days of Google Cloud challenge**: *October, 2021*
  After successful completion of both the track I was receive the swags from Google.

Awards and Honours

- **Poster Designing Competition Winner**: *April, 2021*
  Secured first rank in poster designing competition organized by Designauts club of IIT Mandi.

Positions of Responsibility

- **Teaching Assistant for Applied Database Practicum Course**
  Applied Database Practicum is Web Development course for second year IIT Mandi students. *August 2022 – December 2022*
- **National Service Scheme (NSS) Volunteer, IIT Mandi**
  Participate in social event organize by NSS, IIT Mandi. *May 2022 – Present*
- **Core team-member of Planning Management team of Tech Fest (Xpecto), IIT Mandi**
  Coordinator for first offline event Foldable Flight in this fest. *April 2022 – May 2022*
- **Core team-member of Social media team of Literary Fest (Ruvaan), IIT Mandi**
  Handle a social media page and try to engage as many people as I can for this fest. *February 2022 – April 2022*