

**NAME:**

PRANAV V

**CONTACT INFORMATION:**

```
{  
  "Address": "No.19, Anandha Dhamma 3rd Main Road, Optimum Garden Layout,  
  Ayyapanagar, K R Puram, Bengaluru – 560036.",  
  "Email": [  
    "prv22aiml@cmrit.ac.in",  
    "pranavv736@gmail.com"  
  ],  
  "Mobile Number": "+91-7676858328",  
  "LinkedIn": "https://www.linkedin.com/in/pranav-venu-550729264/",  
  "GitHub": "https://github.com/pranavv1210"  
}
```

**CAREER OBJECTIVE:**

Machine Learning enthusiast skilled in Java, Python, SQL and full-stack development using React, Django and Flutter. Experienced with Azure, data structures and machine learning algorithms. Passionate about applying AI to real-world problems with a strong foundation in deep learning, generative models and AI research.

**EDUCATION:**

```
[  
  {  
    "Degree": "Bachelor of Engineering – Artificial Intelligence and Machine Learning",
```

"Institution": "CMR Institute of Technology, AECS Layout, Bengaluru",

"CGPA": "8.46",

"Year": "2026 (Pursuing)"

},

{

"Degree": "Pre-University Course - Science (PCMB)",

"Institution": "St Joseph's Pre University College, Museum Road, Bengaluru",

"Percentage": "83.3%",

"Year": "2022"

},

{

"Degree": "10th Grade – ICSE",

"Institution": "Cambridge School, K R Puram, Bengaluru",

"Percentage": "81.8%",

"Year": "2020"

}

]

## **TECHNICAL SKILLS:**

## **PROJECTS:**

[

```
{
```

```
"Name": "AI Resume Screening System with Chatbot Integration (Ongoing)",
```

```
"Description": "Developing a comprehensive web application to revolutionize recruitment by automating resume screening and enhancing candidate engagement. This system leverages advanced AI/NLP to accurately parse resumes, semantically match candidates to job descriptions, and provide explainable, bias-mitigated scores. It features a proactive, AI-driven chatbot offering real-time resume feedback to candidates before submission, alongside robust HR tools for collaborative evaluation and intelligent insights.",
```

```
"Tech Stack": [
```

```
"React.js",
```

```
"Node.js (Express)",
```

```
"AI/NLP (Hugging Face, spaCy)",
```

```
"MongoDB",
```

```
"Auth.js",
```

```
"Rasa Open Source"
```

```
]
```

```
},
```

```
{
```

```
"Name": "Personal Portfolio Website",
```

```
"Description": "Built a responsive personal portfolio website using React to showcase projects, skills, and experience. Implemented a clean, modern UI with reusable components and smooth navigation. Deployed the site on GitHub Pages, ensuring mobile responsiveness and fast load times for an optimized user experience.",
```

```
"Tech Stack": [
```

```
"React",
```

```
"HTML",
```

```
"CSS",

"JavaScript",

"GitHub Pages"

]

},

{

  "Name": "Age and Gender Detection using AI",

  "Description": "Developed a real-time Age and Gender Detection system leveraging Computer Vision (OpenCV) and pre-trained Deep Learning (Caffe-based Convolutional Neural Networks). The system dynamically processes live webcam streams and static images/videos to perform robust face detection. Subsequent to detection, cropped facial regions are fed into specialized CNN models for accurate gender classification and age estimation. This AI-powered solution showcases proficiency in Python and deep learning frameworks, enabling the extraction of immediate demographic insights critical for applications in smart surveillance, retail analytics, and interactive systems.",

  "Tech Stack": [

    "Python",

    "OpenCV",

    "Argparse",

    "Deep Learning (Caffe Models)"

  ]

}
```

## **CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES:**

{

"Hackathons/Competitions": [

"Participated in “Full Stack Fiesta: Innovate, Build, Deploy” hackathon organized by CMR Institute of Technology."

],

"Seminars and Workshops": [

"Attended a workshop on “Patent Drafting” organized by the Department of Artificial Intelligence and Machine Learning in association with CMRIT Institution’s Innovation Council.",

"Attended a seminar on “Generative AI” organized by CMR Institute of Technology.",

"Attended a seminar on “Startup and Innovation” organized by CMR Institute of Technology."

],

"Patents": [

{

"Name": "AI Powered Pet Monitoring System",

"Description": "Developed a smart system using AI and computer vision to monitor pet behaviour, detect health anomalies, and send real-time alerts to owners. Filed for patent protection to secure innovation in intelligent pet care technology."

}

],

"NSS": [

"Actively participated in orphanage visits, engaging with children through interactive activities, distributing books, stationery, and meals, and organizing sessions that encouraged learning and emotional support."

],

"Technical Clubs": [

"Member of Cybernauts, club of the Department of Artificial Intelligence and Machine Learning."

]

}

### **AWARDS AND ACHIEVEMENTS:**

[

"Received a Certificate of Appreciation for designing posters for the "Open Day" event held on 17th May 2025 organized by CMR Institute of Technology.",

"Served as the Class Representative in the 1<sup>st</sup> and 2<sup>nd</sup> semesters."

]

### **PERSONAL DETAILS:**

{

"Date of Birth": "12/10/2004",

"Gender": "Male",

"Nationality": "Indian",

"Linguistic Competencies": [

"English",

"Kannada",

"Hindi",

"Telugu",

"German"

],

"Hobbies": [

"Travelling",

"Photography",

"Dancing",

"Cooking",

"Playing Video Games"

]

}