



## Prasanna Kulal

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Bachelor of Engineering

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## EDUCATION

### •Sahyadri College of Engineering and Management, Adyar

2021-25

Bachelor of Engineering in Computer Science and Engineering(AIML)

CGPA: 8.1

### •Sri Dharmasthala Manjunatheshwara PU college

2019-2021

Karnataka State Board

### •Sacred Heart English Medium School

2019

Karnataka State Board

## PROJECTS

### •GenCI - AI-Powered Chat Platform

React, Node.js, LLM Integration, REST API, Context API

- Developed and deployed AI chat platform with 2+ language model integrations (Gemini 1.5 Pro, Deepseek)
- Implemented CI/CD pipeline with Netlify for frontend deployment and Render for backend services
- Designed React frontend with dynamic model switching + mobile responsiveness.
- Created interactive UI features including prompt cards, markdown rendering, and real-time model switching
- **Deployment Links:** Live App | Source Code

### •OneClickOrder

A full-stack application for managing and delivering parcels.

- Tools & Technologies used: MERN Stack (MongoDB, Express.js, React, Node.js), Bootstrap, Postman.
- Implemented parcel ordering functionality, allowing users to place and track orders.
- Overcame challenges related to API performance and responsive design with optimized solutions.

### •Pepper Disease Classification using Image Processing

A tool designed to classify diseases in pepper plants using image processing techniques.

- Tools & technologies used: Image Processing, Machine Learning, Python, Streamlit.
- The system identifies and classifies various diseases in pepper plants by analyzing leaf images.
- Created our own dataset of pepper plant leaf images for training and testing the model.
- Developed an interactive user interface using Streamlit for easy disease classification and visualization.
- Utilized feature extraction techniques and classification algorithms to achieve accurate disease classification.

## INTERNSHIP EXPERIENCE

### •Technical Career Education Internship

Oct 2023

MERN Stack Development Intern

- Collaborated with a team of developers to design and implement web applications using MongoDB, Express.js, React.js, and Node.js.
- Contributed to the development of interactive and user-friendly interfaces.

### •Accolade Tech Solution

Feb 2025

Deep Learning Intern

- Gained hands-on experience with deep learning fundamentals and implemented basic neural network models.
- Worked on data preprocessing and model training using Python and TensorFlow/PyTorch.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** Python, Java, HTML and CSS, SQL

**Libraries :** Numpy, Pandas, Matplotlib, Sklearn

**Coding Platforms:** VS Code, Google Colab

**Databases:** Relational Database(Oracle), MYSQL

**Relevant Coursework:** Machine Learning, Database Management System, Artificial Intelligence, Natural Language Processing.

**Areas of Interest:** Machine Learning, Database Management System, Artificial Intelligence.

**Soft Skills:** Problem Solving, Self-learning, Quick Thinking, Adaptability